

# Daily Math 3

Ready-to-Go & Reproducible!

## Includes:

- Geometry
- Data Management
- Number Sense and Operations
- Patterning and Algebra
- Measurement

**FRIDAY Data Management**

Iris surveyed her classmates about their favorite meal.

1 Use the information from Iris's survey to complete the tally chart.

**Favorite Meal Survey**

| Name    | Meal      |
|---------|-----------|
| Roy     | lunch     |
| Jody    | dinner    |
| Patrick | dinner    |
| Timothy | dinner    |
| Rachel  | lunch     |
| Sam     | dinner    |
| Kara    | lunch     |
| Kendra  | breakfast |
| Jeremy  | breakfast |
| Lisa    | lunch     |
| Juan    | dinner    |

**Favorite Meal Tally Chart**

| Meal      | Favorite |
|-----------|----------|
| breakfast |          |
| lunch     |          |
| dinner    |          |

2 Which meal did the most students choose? \_\_\_\_\_

3 Which meal did the fewest students choose? \_\_\_\_\_

4 How many students did Iris survey? \_\_\_\_\_

**BRAIN STRETCH**

1 
$$\begin{array}{r} 78 \\ + 11 \\ \hline \end{array}$$

2 
$$\begin{array}{r} 89 \\ - 45 \\ \hline \end{array}$$

3 
$$\begin{array}{r} 37 \\ + 62 \\ \hline \end{array}$$

4 
$$\begin{array}{r} 54 \\ - 34 \\ \hline \end{array}$$

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Week 2

**MONDAY Patterning and Algebra**

1 What is the next number if the pattern rule is subtract 6?  
30, \_\_\_\_\_

2 Which number sentence has the same difference as  $5 - 2$ ?  
A.  $4 - 2$  B.  $8 - 6$  C.  $6 - 3$

3 Draw an array to find the product.  
 $6 \times 4 =$  \_\_\_\_\_

4 Extend the pattern.  
11, 22, 33, \_\_\_\_\_

**TUESDAY Number Sense and Operations**

1 
$$\begin{array}{r} 168 \\ + 234 \\ \hline \end{array}$$

2 Write the following numbers in expanded form.  
A. 4,398 \_\_\_\_\_  
B. 2,651 \_\_\_\_\_

3 What is the value of the underlined digit?  
A. 7,901 \_\_\_\_\_  
B. 5,622 \_\_\_\_\_

4 Compare the numbers using  $<$ ,  $>$ , or  $=$ .  
345  585

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Week 3

Reinforce Math Concepts!



## Daily Math Teacher Tips

These daily math activities will help reinforce essential math skills with consistent daily practice. Each day of the week focuses on a specific math strand featuring number sense, patterning and algebra, measurement, data management or geometry. Use these activities with a whole group, small group or when working individually with students.

- ◆ Review instructions for students to ensure understanding of the questions.
- ◆ Encourage students to complete the answers they know how to do first.
- ◆ Provide math manipulatives and other concrete materials for students to use during the completion of activities.
- ◆ Create overhead transparencies of student pages to model answers.
- ◆ Encourage students to share their answers and their thinking process.
- ◆ Make anecdotal observations of students' understanding and application of math concepts in order to plan follow up activities.
- ◆ Adapt this book to suit the needs of the individual students in your class. For instance, a teacher may wish to do a whole week of activities in one day or pick a certain week to review a math concept.

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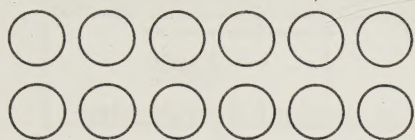


# MONDAY

## Patterning and Algebra

- 1** Use the array to find the product.

$$6 \times 2 = \underline{\quad}$$



- 2** Write related addition and multiplication sentences.

4 groups of 3

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

- 3** What is the missing number?

$$7 + \underline{\quad} = 14$$

- 4** What is the next number if the pattern rule is add 7?

14,  $\underline{\quad}$

- 5** Extend the pattern.

10, 20, 30,  $\underline{\quad}$ ,  $\underline{\quad}$ ,  $\underline{\quad}$

# TUESDAY

## Number Sense and Operations

**1**

$$\begin{array}{r} 472 \\ + 358 \\ \hline \end{array}$$

- 2** Circle the greatest number.

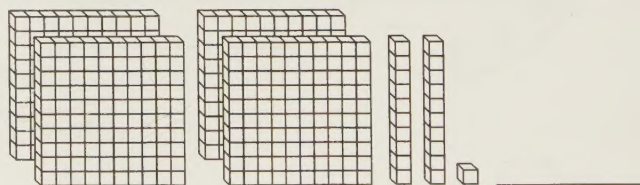
47   32   11

- 3** Round the following numbers to the nearest 10.

A. 67  $\underline{\quad}$

B. 25  $\underline{\quad}$

- 4** What is the number?



- 5** What is the value of the coins?





# WEDNESDAY

## Geometry

**1** What is the name of this shape?



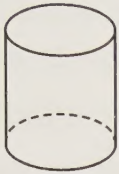
\_\_\_\_\_

**2** How many right angles does a square have?



\_\_\_\_\_

**3** What is the name of this 3D shape?

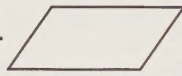


\_\_\_\_\_

**4** Draw a line of symmetry.



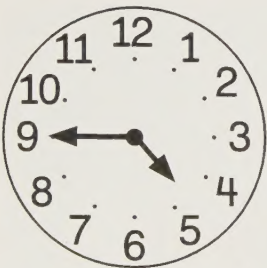
**5** Circle the hexagon.



# THURSDAY

## Measurement

**1** What time is it?



\_\_\_\_\_

**2** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

**3** How many centimeters in a meter?

\_\_\_\_\_

**4** How many days in a week?

A. 5 days    B. 6 days    C. 7 days



Here are the results of a survey on favorite colors.  
Complete the chart and answer the questions about the results.

| Color  | Tally | Number |
|--------|-------|--------|
| Red    |       |        |
| Blue   |       |        |
| Green  |       |        |
| Purple |       |        |

- 1 What was the most popular color? \_\_\_\_\_
- 2 What was the least popular color? \_\_\_\_\_
- 3 How many people liked either green or purple? \_\_\_\_\_
- 4 How many people were surveyed? \_\_\_\_\_
- 5 Which colors did the same number of people like most? \_\_\_\_\_

## BRAIN STRETCH



Jane has 24 red beads and 52 blue beads.  
How many beads does she have altogether?





# MONDAY

## Patterning and Algebra

- 1** What is the missing number?

$$\underline{\quad} + 5 = 11$$

- 2** Which number sentence has the same difference as  $10 - 7$ ?

A.  $4 - 2$     B.  $8 - 6$     C.  $6 - 3$

- 3** What is the next number if the pattern rule is subtract 4?

12,  $\underline{\quad}$

- 4** Draw an array to find the product.

$$8 \times 5 = \underline{\quad}$$

- 5** Extend the pattern.

110, 120, 130,  $\underline{\quad}$ ,  $\underline{\quad}$ ,  $\underline{\quad}$

# TUESDAY

## Number Sense and Operations

**1**

$$\begin{array}{r} 891 \\ - 457 \\ \hline \end{array}$$

- 2** Circle the greatest number.

905    239    932

- 3** Round the following numbers to the nearest 10.

A. 82  $\underline{\quad}$

B. 39  $\underline{\quad}$

- 4** The numeral for thirty is:

A. 80    B. 70    C. 30

- 5** Write an addition sentence that equals  $4 \times 4$ . Include the sum.



# WEDNESDAY

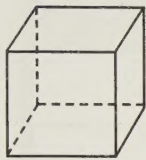
## Geometry

**1** Which of these shapes is not a quadrilateral?

- A. triangle      B. rhombus  
C. rectangle      D. square

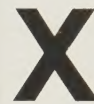
**2** How many sides does an octagon have?  
\_\_\_\_\_

**3** What is the name of this 3D shape?



\_\_\_\_\_

**4** Draw 2 lines of symmetry.



**5** Draw a rectangle.

# THURSDAY

## Measurement

**1** How many cups in a pint?  
\_\_\_\_\_

**2** How many hours in a day?

- A. 30 hours      B. 24 hours      C. 12 hours

**3** Find the perimeter and the area of the shaded shape.

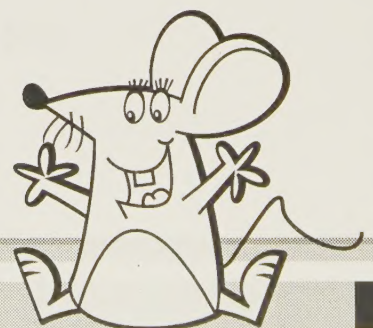


The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

**4** What is the best unit of measure for the length of a shoe?

- A. kilometers      B. meters      C. centimeters







Iris surveyed her classmates about their favorite meal.

**1** Use the information from Iris's survey to complete the tally chart.

### Favorite Meal Survey

| Name    | Meal      |
|---------|-----------|
| Roy     | lunch     |
| Jody    | dinner    |
| Patrick | dinner    |
| Timothy | dinner    |
| Rachel  | lunch     |
| Sam     | dinner    |
| Kara    | lunch     |
| Kendra  | breakfast |
| Jeremy  | breakfast |
| Lisa    | lunch     |
| Juan    | dinner    |

### Favorite Meal

| Meal      | Tally |
|-----------|-------|
| breakfast |       |
| lunch     |       |
| dinner    |       |

**2** Which meal did the most students choose? \_\_\_\_\_

**3** Which meal did the fewest students choose? \_\_\_\_\_

**4** How many students did Iris survey? \_\_\_\_\_

## BRAIN STRETCH



**1**      78  
+ 11  
\_\_\_\_\_

**2**      89  
- 45  
\_\_\_\_\_

**3**      37  
+ 62  
\_\_\_\_\_

**4**      54  
- 34  
\_\_\_\_\_



# MONDAY

## Patterning and Algebra

- 1** What is the next number if the pattern rule is subtract 6?

30, \_\_\_\_\_

- 2** Which number sentence has the same difference as  $5 - 2$ ?

A.  $4 - 2$     B.  $8 - 6$     C.  $6 - 3$

- 3** Draw an array to find the product.

$6 \times 4 =$  \_\_\_\_\_

- 4** Extend the pattern.

11, 22, 33, \_\_\_\_\_, \_\_\_\_\_



# TUESDAY

## Number Sense and Operations

- 1**     168  
+ 234

- 2** Write the following numbers in expanded form.

A. 4,398 \_\_\_\_\_

B. 2,651 \_\_\_\_\_

- 3** What is the value of the underlined digit?

A. 7,901 \_\_\_\_\_

B. 5,622 \_\_\_\_\_

- 4** Compare the numbers using  $<$ ,  $>$ , or  $=$ .

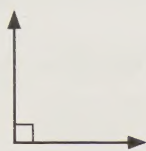
345  585



# WEDNESDAY

## Geometry

- 1 Describe the angle.



- A. right angle  
B. greater than a right angle  
C. less than a right angle

- 2 What is the name of this 3D shape?



\_\_\_\_\_

- 3 How many lines of symmetry?



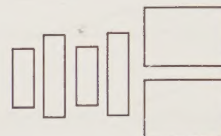
\_\_\_\_\_

- 4 How many sides does a triangle have?

\_\_\_\_\_

- 5 What 3D shape could be made from these pieces?

- A. cylinder    B. rectangular prism    C. pyramid



# THURSDAY

## Measurement

- 1 How many pints in 1 quart?

\_\_\_\_\_

- 2 How many minutes in 1 hour?

- A. 30 mins    B. 60 mins    C. 100 mins

- 3 Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

- 4 What is the best unit of measure for the length of an ant?

- A. meters  
B. centimeters  
C. millimeters



Here are the results of a survey on favorite drinks.  
Use the pictograph to answer the questions about the results.

**Favorite Drinks**

|              |                                                                                   |
|--------------|-----------------------------------------------------------------------------------|
| Lemonade     |  |
| Milk         |  |
| Orange Juice |  |

Key:  = 2 people

- How many people were surveyed? \_\_\_\_\_
- Which drink did the fewest people choose? \_\_\_\_\_
- Which two drinks were chosen by the same number of people?  
\_\_\_\_\_
- How many more people chose milk than chose orange juice? \_\_\_\_\_

## BRAIN STRETCH



$$\begin{array}{r} 1 \quad 56 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 85 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 27 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 54 \\ - 19 \\ \hline \end{array}$$



# MONDAY

## Patterning and Algebra

# Patterning and Algebra

**1** What is the missing number?

$$\underline{\quad} + 9 = 10$$

**2** Which number sentence has the same sum as  $10 + 6$ ?

A.  $4 + 9$       B.  $8 + 8$       C.  $9 + 9$

**3** Draw an array to find the product.

$8 \times 3 =$

**4** Extend the pattern.

AABBAABB

**TUESDAY**

# Number Sense and Operations

**1** Are these numbers even or odd?

A. 65 \_\_\_\_\_

B. 108 \_\_\_\_\_

**2** Write the following numbers in expanded form.

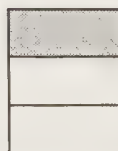
A. 7,241

B. 9,386

### 3 What is the value of the coins?



**4** What fraction names the shaded part?



A.  $\frac{1}{2}$       B.  $\frac{1}{3}$       C.  $\frac{1}{4}$



# WEDNESDAY

## Geometry

**1** What is the name of this shape?

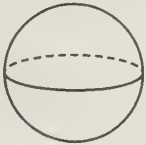


\_\_\_\_\_

**2** How many vertices does a pentagon have?

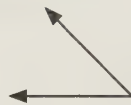
\_\_\_\_\_

**3** What is the name of this 3D shape?



\_\_\_\_\_

**4** Describe the angle.



A. right angle

B. greater than a right angle

C. less than a right angle

**5** Look at these shapes. Choose flip or slide.



A. flip    B. slide

# THURSDAY

## Measurement

**1** How many feet in 1 yard?

\_\_\_\_\_

**2** Draw a line 1 inch long.

**3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

**4** How many minutes in 2 hours?

A. 30 mins

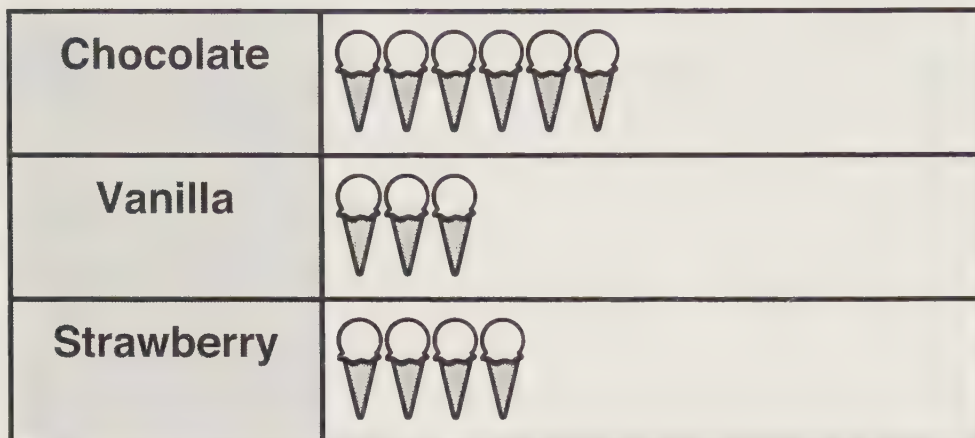
B. 60 mins

C. 120 mins



Here are the results of a survey on favorite ice cream flavors.  
Use the pictograph to answer the questions about the results

**Favorite Ice Cream Flavors**



Key:  = 5 people

- 1** What flavor of ice cream was the most popular? \_\_\_\_\_
- 2** What flavor of ice cream was the least popular? \_\_\_\_\_
- 3** How many people chose either vanilla or strawberry? \_\_\_\_\_
- 4** How many people were surveyed? \_\_\_\_\_

## BRAIN STRETCH



Thomas has a collection of 100 stamps.  
He buys 3 more packages of stamps.  
Each package has 10 stamps.  
How many stamps does Thomas now have in his collection?



# MONDAY

## Patterning and Algebra

- 1** Write related addition and multiplication sentences.

4 groups of 8

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} =$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

- 2** Which number sentence has the same difference as  $15 - 6$ ?

A.  $12 - 2$

B.  $10 - 1$

C.  $6 - 3$

- 3** What is the missing number?

$$\underline{\quad} - 7 = 8$$

- 4** Extend the pattern.

33, 43, 53,         ,         ,         

- 5** What is the next number if the pattern rule is add 7?

22,         

# TUESDAY

## Number Sense and Operations

- 1** Write the following numbers in expanded form.

A. 1,974                                 

B. 3,013                                 

$$\begin{array}{r} 816 \\ - 434 \\ \hline \end{array}$$



- 3** How many equal parts in the whole?



         equal parts

- 4** Compare the numbers using  $<$ ,  $>$ , or  $=$ .

$$230 \quad \square \quad 420$$



# WEDNESDAY

## Geometry

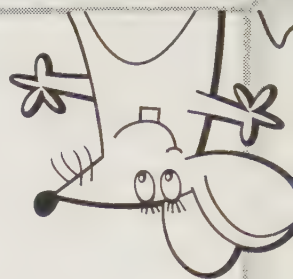
- 1** What is the name of this shape



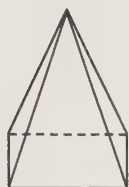
\_\_\_\_\_

- 2** How many vertices does a rhombus have?

\_\_\_\_\_



- 3** What is the name of this 3D shape?



\_\_\_\_\_

- 4** Which 3D shape can roll?

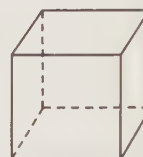
A.



B.



C.



# THURSDAY

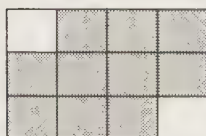
## Measurement

- 1** How many inches in 1 foot?

\_\_\_\_\_

- 2** Draw a line 2 cm long.

- 3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

**4**



It is \_\_\_\_\_ : \_\_\_\_\_.

In 15 minutes, it will be \_\_\_\_\_ : \_\_\_\_\_.



Here are the results of a survey on favorite pets.  
Complete the chart and answer the questions about the results.

| Pet     | Tally | Number |
|---------|-------|--------|
| Dog     |       |        |
| Cat     |       |        |
| Hamster |       |        |
| Bird    |       |        |



- 1 What was the most popular pet? \_\_\_\_\_
- 2 What was the least popular pet? \_\_\_\_\_
- 3 How many students chose either a dog or bird? \_\_\_\_\_
- 4 How many more students chose a cat than a hamster? \_\_\_\_\_
- 5 How many fewer students chose a cat than a dog? \_\_\_\_\_

## BRAIN STRETCH



Katherine picked 65 apples and 76 pears.  
How many pieces of fruit did she pick in all?

# MONDAY

## Patterning and Algebra

- 1** Divide 10 into groups of 5.

$$10 \div 5 = \underline{\hspace{2cm}}$$

- 2** Which number sentence has the same sum as  $8 + 5$ ?

A.  $6 + 7$    B.  $4 + 3$    C.  $11 + 4$

- 3** What is the missing number?

$$\underline{\hspace{2cm}} - 10 = 4$$

- 4** Is this a growing, shrinking, or repeating pattern?

XYXYXYXYXY

\_\_\_\_\_

- 5** Extend the pattern.

13, 16, 19, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



# TUESDAY

## Number Sense and Operations

- 1** Circle the odd number.

67   90

- 2** Write an addition sentence that equals  $2 \times 7$ . Include the sum.

- 3** Count back by 10s.

200, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 4** What fraction names the shaded part?



A.  $\frac{1}{2}$    B.  $\frac{1}{3}$    C.  $\frac{1}{4}$

- 5** Write the following numbers in expanded form.

A. 8,651 \_\_\_\_\_

B. 9,742 \_\_\_\_\_



# WEDNESDAY

## Geometry

- 1** What is the name of this shape

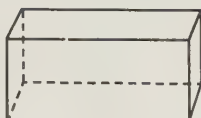


\_\_\_\_\_

- 2** How many sides does a trapezoid have?

\_\_\_\_\_

- 3** What is the name of this 3D shape?

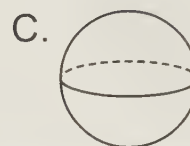
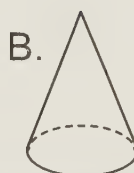
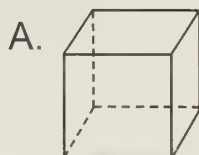


\_\_\_\_\_

- 4** Draw 2 lines of symmetry.



- 5** Which 3D shape has a square for a face?



# THURSDAY

## Measurement

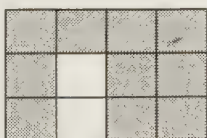
- 1** Circle the better estimate for the distance between schools.

A. 2 feet    B. 2 yards    C. 2 miles

- 2** How many minutes are between 8:30 and 8:45?

\_\_\_\_\_

- 3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

- 4** How many months in a year?

A. 100 months

B. 12 months

C. 20 months



Andrew surveyed his classmates about their favorite snacks.

**1** Use the information from Andrew's survey to complete the tally chart.

### Favorite Snack Survey

| Name     | Snack      |
|----------|------------|
| Maria    | vegetables |
| Kevin    | fruit      |
| Becca    | popcorn    |
| Leo      | vegetables |
| Mina     | fruit      |
| Patricia | crackers   |
| Noah     | popcorn    |
| Ryan     | fruit      |
| Savanah  | vegetables |
| Wayne    | popcorn    |
| Martin   | fruit      |
| Jessica  | fruit      |

### Favorite Snack

| Snack      | Tally |
|------------|-------|
| Vegetables |       |
| Popcorn    |       |
| Fruit      |       |
| Crackers   |       |

**2** Which snack did the most students choose? \_\_\_\_\_

**3** Which snack did the fewest students choose? \_\_\_\_\_

**4** How many students did Andrew survey? \_\_\_\_\_

**5** Which snack was chosen by only 1 student? \_\_\_\_\_

## BRAIN STRETCH



The answer is 24. Show at least three ways to make 24 using any combination of  $-$ ,  $+$ ,  $\times$ ,  $\div$ , and  $=$ .



# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

9, 18, 27, \_\_\_\_\_, 45, 54, 63

- 2** Which number sentence has the same difference as  $20 - 10$ ?

A.  $15 - 5$    B.  $18 - 9$    C.  $17 - 8$

- 3** What is the missing number?

\_\_\_\_\_  $- 3 = 11$

- 4** Extend the pattern.

31, 36, 41, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 5** What is the next number if the pattern rule is subtract 5?

77, \_\_\_\_\_



# TUESDAY

## Number Sense and Operations

- 1** What is the value of the underlined digit?

A. 3,650 \_\_\_\_\_   B. 5,242 \_\_\_\_\_

$$\begin{array}{r} 718 \\ - 279 \\ \hline \end{array}$$

- 3** Count back by 10s.

675, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 4** Compare the numbers using  $<$ ,  $>$ , or  $=$ .

120  229

- 5** Write an addition sentence that equals  $1 \times 5$ .  
Include the sum.

# WEDNESDAY

## Geometry

- 1** How many vertices?



\_\_\_\_\_

- 2** How many sides does a quadrilateral have?

\_\_\_\_\_

- 3** Can this 3D shape be stacked?



- A. yes  
B. no

- 4** Describe the angle.



- A. right angle  
B. greater than a right angle  
C. less than a right angle

- 5** What 3D shape does a ball look like?

\_\_\_\_\_



# THURSDAY

## Measurement

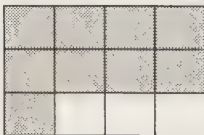
- 1** Which tool would you use to measure the temperature on a cold day?

- A. scale   B. thermometer   C. ruler

- 2** How many minutes are between 3:20 and 3:30?

\_\_\_\_\_

- 3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

- 4** Order the temperatures from lowest to highest.

12°C, -4°C, 30°C

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



Here are the results of a survey on favorite cookies.  
Use the pictograph to answer the questions about the results.



**Favorite Cookie Flavors**

|                       |                                                                                                                                                                                                                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chocolate Chip</b> |     |
| <b>Oatmeal Raisin</b> |                                                                                                                                                                       |
| <b>Gingerbread</b>    |                                                                                                                                                                                                                                                        |

Key:  = 5 people

- 1 How many people were surveyed? \_\_\_\_\_
- 2 Ten people liked \_\_\_\_\_.
- 3 How many fewer people like gingerbread than like chocolate chip? \_\_\_\_\_
- 4 How many more people like chocolate chip than like oatmeal raisin? \_\_\_\_\_

## BRAIN STRETCH



Andrew is drawing a pattern using geometric shapes.  
Here is his pattern:



When Andrew has drawn 5 ovals, how many triangles will be in his pattern?

# MONDAY

## Patterning and Algebra

- 1** What is the missing number?

$$\underline{\quad} + 7 = 13$$

- 2** Which number sentence has the same sum as  $7 + 7$ ?

A.  $6 + 9$    B.  $7 + 3$    C.  $9 + 5$

- 3** Draw an array. Write a division sentence and solve it.

20 circles in 4 rows

- 4** Extend the pattern.

100, 90, 80, 70, 60,         ,         ,         

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$



# TUESDAY

## Number Sense and Operations

- 1** What is the value of the underlined digit?

A. 8,520         

B. 3,071         

- 2** Which number would be rounded to 600?

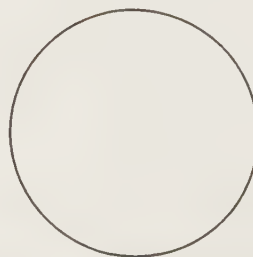
A. 604   B. 650   C. 530

- 3** What fraction names the shaded part?



A.  $\frac{1}{2}$    B.  $\frac{1}{3}$    C.  $\frac{1}{4}$

- 4** Draw lines on the shape to show fourths.





# WEDNESDAY

## Geometry

**1** Draw a circle.

**2** A rhombus is a quadrilateral.

A. true    B. false

**3** What 3D shape does this juice can look like?



\_\_\_\_\_

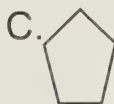
**4** Which of the following is a point?

A.

B.

C.

**5** Which shape does not have a line of symmetry?



# THURSDAY

## Measurement

**1** How many yards in a mile?

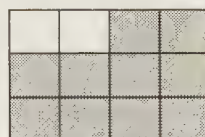
\_\_\_\_\_

**2** How many seconds in a minute?

A. 30    B. 60    C. 120

**3** Draw a line  $1\frac{1}{2}$  inches long.

**4** Find the perimeter and the area of the shaded shape.



**5** What is the best estimate for the length of a notebook?

- A. about 1 cm  
B. about 200 cm  
C. about 25 cm

The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

Jose surveyed his classmates about their favorite field trips.

**1** Use the information from Jose's survey to complete the tally chart.

### Favorite Field Trip Survey

| Name    | Field Trip     |
|---------|----------------|
| Nicole  | farm           |
| Kevin   | farm           |
| Helen   | science center |
| Joseph  | museum         |
| Sara    | factory        |
| Charles | factory        |
| Donna   | farm           |
| William | museum         |
| Paul    | farm           |
| Wayne   | museum         |
| Angela  | science center |
| Brian   | science center |

### Favorite Field Trip

| Field Trip     | Tally |
|----------------|-------|
| Science Center |       |
| Factory        |       |
| Museum         |       |
| Farm           |       |

**2** Did more students choose the farm or the museum? \_\_\_\_\_

**3** Which field trip did the most students choose? \_\_\_\_\_

**4** Which field trips did 3 students choose? \_\_\_\_\_

**5** How many students did Jose survey? \_\_\_\_\_

## BRAIN STRETCH



Kate had 340 marbles. She gave her friend Mark 78 marbles.  
How many marbles did she have left?





## MONDAY

### Patterning and Algebra

- 1** What is the missing number?

$$-6 = 8$$

- 2** Which number sentence has the same difference as  $30 - 22$ ?

A.  $12 - 4$     B.  $18 - 9$     C.  $12 - 3$

- 3** Draw an array. Write a division sentence and solve it.

18 circles in 3 rows

- 4** Extend the pattern.

56, 53, 50, 47, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



$$\frac{\text{Number of } \text{C}_{10}\text{H}_8 \text{ molecules}}{\text{Number of } \text{C}_{10}\text{H}_6 \text{ molecules}} = \frac{1}{1}$$

**TUESDAY**

## Number Sense and Operations

- 1** Write an addition sentence that equals  $6 \times 5$ . Include the sum.

- 2** Compare the numbers using  $<$ ,  $>$ , or  $=$ .

|     |  |     |
|-----|--|-----|
| 785 |  | 123 |
|-----|--|-----|

- 3** Count back by 10s.

393, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 4** Write the numeral for four thousand six hundred nine.

---

- 5** Write the following numbers in expanded form.

A. 8,766

B. 5,647

# WEDNESDAY

## Geometry

**1** What 3D shape does this ball look like?



\_\_\_\_\_

**2** What is a polygon?

\_\_\_\_\_  
\_\_\_\_\_

**3** Draw a pentagon.

**4** Draw a line of symmetry.



**5** Look at these shapes. Choose flip, slide, or turn.



A. flip   B. slide   C. turn



# THURSDAY

## Measurement

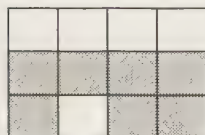
**1** What is the better estimate for the weight of a watermelon?

A. 4 ounces   B. 4 pounds

**2** Which distance is shorter than 1 km?

A. the distance between two desks  
B. the distance between two cities

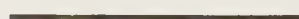
**3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

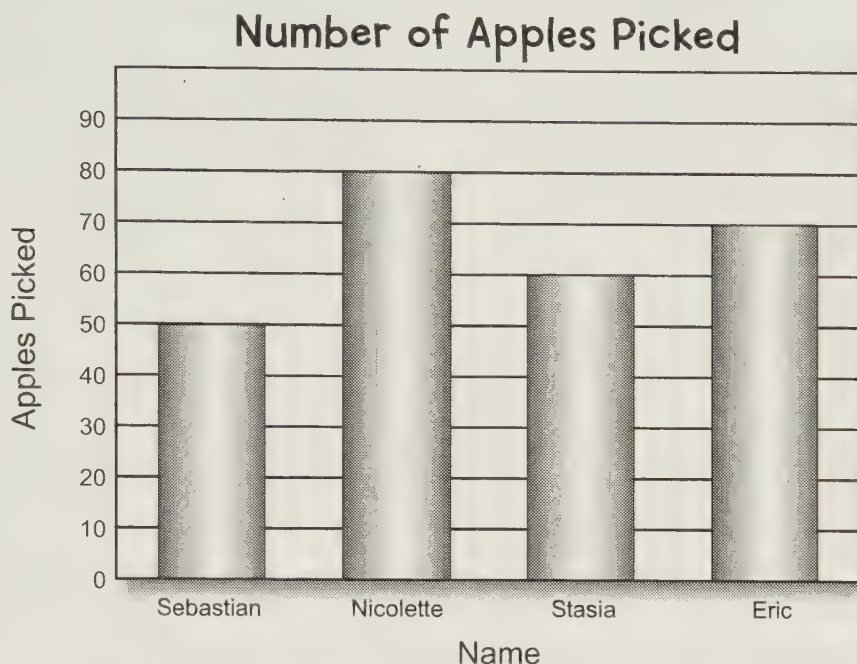
**4** About how long is this line?



A. about 1 inch  
B. about 10 inches  
C. about 1 yard



The Demaat family went apple picking. The bar graph shows how many apples each family member picked. Answer the questions.



- 1** Who picked the most apples? \_\_\_\_\_
- 2** How many more apples did Nicolette pick than Sebastian? \_\_\_\_\_
- 3** Who picked 60 apples? \_\_\_\_\_
- 4** How many members are there in the Demaat family? \_\_\_\_\_

## BRAIN STRETCH



If a horse has 4 legs, how many legs do 6 horses have?



# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

45, 48, 51, \_\_\_\_\_, 57, 60, 63

- 3** What is the next number if the pattern rule is subtract 3?

86, \_\_\_\_\_

- 5** Write related addition and multiplication sentences.

5 groups of 6

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ =

\_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_

- 2** What is the missing number?

\_\_\_\_\_ + 10 = 20

- 4** Is this a growing, shrinking, or repeating pattern?

4, 8, 12, 16, 20

\_\_\_\_\_



# TUESDAY

## Number Sense and Operations

- 1** What number is 10 more than 957?

\_\_\_\_\_

- 2** Write the following numbers in expanded form.

A. 4,651 \_\_\_\_\_

B. 9,765 \_\_\_\_\_

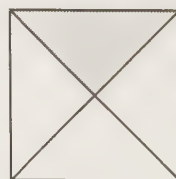
- 3** Count on by 5s.

130, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 5** Write the number word for 523.

\_\_\_\_\_

- 4** A cake is cut into 4 equal parts. What is each equal part called?



A.  $\frac{1}{2}$     B.  $\frac{1}{3}$     C.  $\frac{1}{4}$

- 6**  $100 + 20 + 30 =$  \_\_\_\_\_



# WEDNESDAY

## Geometry

**1** What is a quadrilateral?

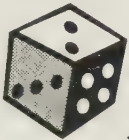
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---

**2** How many sides does a circle have?

---

**3** What 3D shape does this die look like?



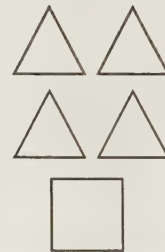
---

**4** Draw a line of symmetry.

# W

**5** What 3D shape could be made from these pieces?

A. cylinder   B. rectangular prism   C. pyramid



# THURSDAY

## Measurement

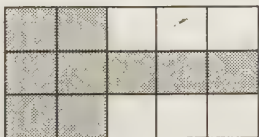
**1** Circle the better estimate of how much an orange weighs.

A. 6 pounds   B. 6 ounces

**2** How many minutes are between 8:30 and 8:45?

---

**3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

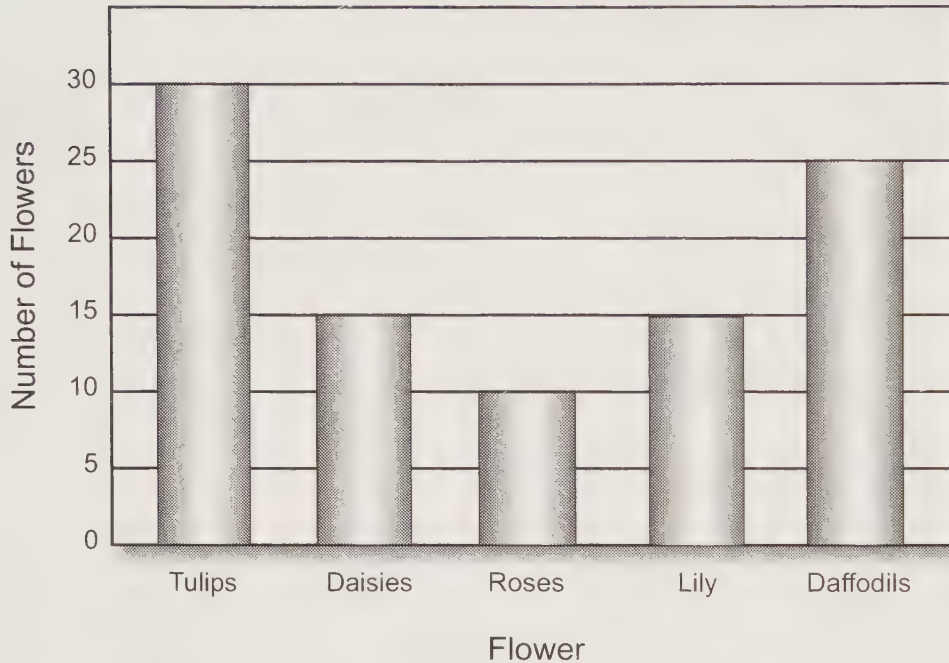
The area is \_\_\_\_\_ square units.

**4** How many days in 10 weeks?

- A. 100 days
- B. 50 days
- C. 70 days

Antonio and Sharon planted a flower garden. The bar graph shows how many of each flower they planted. Answer the questions.

Flowers in a Garden



- 1 How many fewer daffodils were planted than tulips? \_\_\_\_\_
- 2 How many roses were planted? \_\_\_\_\_
- 3 How many more daisies were planted than roses? \_\_\_\_\_
- 4 Which flower was planted the most? \_\_\_\_\_
- 5 How many lilies were planted? \_\_\_\_\_

## BRAIN STRETCH



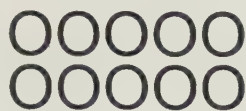
How many eggs are there in 3 dozen?



# MONDAY

## Patterning and Algebra

- 1** Write two multiplication sentences for the array.



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

- 3** Which number sentence has the same difference as  $17 - 5$ ?

A.  $14 - 3$    B.  $18 - 4$    C.  $20 - 8$

- 2** Draw an array. Write a division sentence and solve it.

14 circles in 2 rows

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

- 4** What number comes next?

72, 65, 58, 51,  $\underline{\quad}$

- 5** What is the next number if the pattern rule is add 9?    34,  $\underline{\quad}$

# TUESDAY

## Number Sense and Operations

- 1** What number is 10 less than 417?

$\underline{\quad}$

- 2** Are these numbers odd or even?

A. 312  $\underline{\quad}$

B. 29  $\underline{\quad}$

- 3** Count on by 2s.

422,  $\underline{\quad}$ ,  $\underline{\quad}$ ,  $\underline{\quad}$ ,  $\underline{\quad}$

- 4** Circle  $\frac{1}{3}$  of the group.



- 5** Order the numbers from least to greatest.

670, 607, 706

$\underline{\quad} < \underline{\quad} < \underline{\quad}$

- 6** Color parts of the shape to show  $\frac{7}{8}$ .



# WEDNESDAY

## Geometry

1 Name a shape that has 5 sides.

\_\_\_\_\_

2 Are these shapes congruent?



A. yes

B. no

3 What 3D shape does this hat look like?



\_\_\_\_\_

4 Which picture does not show a line of symmetry?



5 Circle the polygons.



# THURSDAY

## Measurement

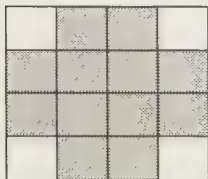
1 What is the better estimate of the temperature on a cold snowy day?

A. 30°F

B. 30°C

2 Draw a line 2 inches long.

3 Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

4 The time is 12:30 p.m.  
What time will it be in 45 minutes?

A. 1:00 p.m.

B. 1:15 p.m.

C. 1:30 p.m.



This chart shows the number of students and desks in each third grade class.

| Teacher            | Ms. Apor | Mr. Patel | Mrs. Smith | Ms. Rocco |
|--------------------|----------|-----------|------------|-----------|
| Number of Students | 25       | 22        | 24         | 25        |
| Number of Desks    | 25       | 20        | 24         | 27        |

- 1 Whose class needs more desks? \_\_\_\_\_
- 2 Which two teachers have the same number of students?  
\_\_\_\_\_
- 3 Which teacher has more desks than students? \_\_\_\_\_
- 4 Who has the fewest number of students? \_\_\_\_\_
- 5 Who has the most number of students? \_\_\_\_\_

## BRAIN STRETCH



Helen has 30 tulips to plant in her garden.

Show 2 different ways she can arrange the tulips into rows of equal length.

Write a division sentence for each way she can arrange the tulips.

# MONDAY

## Patterning and Algebra

- 1** What is the missing number?

$$7 + \underline{\quad} = 18$$

- 3** Draw an array. Write a division sentence and solve it.

25 circles in 5 rows

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

- 2** Which number sentence has the same answer as  $22 - 10$ ?

A.  $6 + 2$    B.  $8 + 4$    C.  $10 + 1$

- 4** What number comes next?

120, 110, 100,  $\underline{\quad}$

- 5** What is the next number if the pattern rule is add 7?    14,  $\underline{\quad}$

# TUESDAY

## Number Sense and Operations

- 1** Estimate and then solve the sum.

$$\begin{array}{r} \text{Estimate } \underline{\quad\quad\quad} \quad 589 \\ + 270 \\ \hline \end{array}$$

- 3** Subtract.

$$20 - 5 - 10 =$$

- 5** Order the numbers from greatest to least.

899, 901, 818

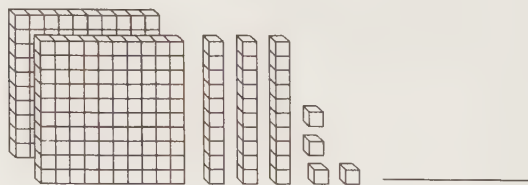
$$\underline{\quad} > \underline{\quad} > \underline{\quad}$$

- 2** Are these numbers odd or even?

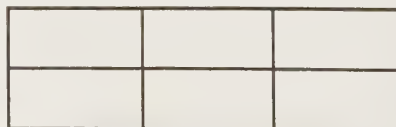
A. 374  $\underline{\quad\quad\quad}$

B. 67  $\underline{\quad\quad\quad}$

- 4** What is the number?



- 6** Color parts of the shape to show  $\frac{1}{6}$ .





# WEDNESDAY

## Geometry

**1** Name a shape that has 4 sides.

\_\_\_\_\_

**2** How many vertices does a hexagon have?

\_\_\_\_\_

**3** How many faces?



\_\_\_\_\_

**4** Does this picture show a line of symmetry?



A. yes

B. no

**5** Circle the quadrilaterals.



# THURSDAY

## Measurement

**1** How long is 24 inches?

\_\_\_\_\_ feet

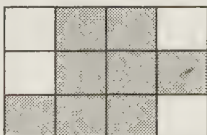
**2** The time is 9:00 a.m.  
What time will it be in 4 hours?

A. 1:00 p.m.

B. 1:15 p.m.

C. 1:30 p.m.

**3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

**4** What is the best unit of measure for the height of a school?

A. inches

B. centimeters

C. meters

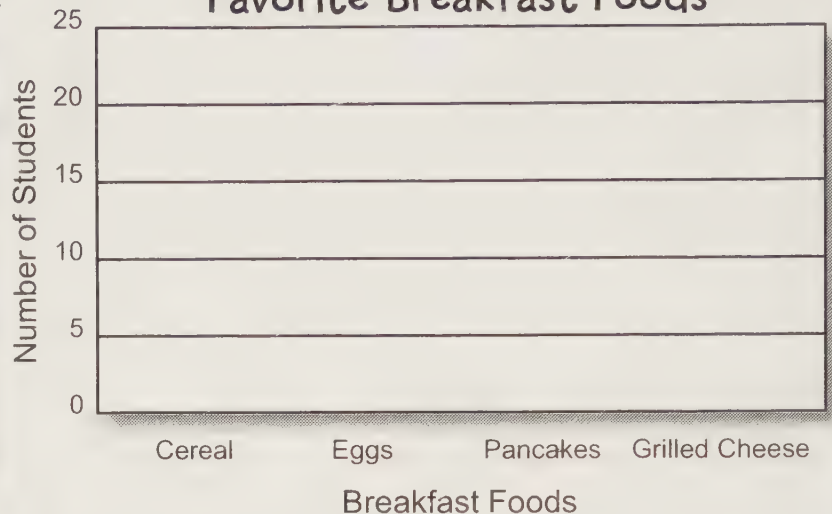
Here are the results of a survey on favorite breakfast foods.

**1** Complete the chart and bar graph and answer the questions.

**Favorite Breakfast Foods**

| Favorite Breakfast Foods | Tally | Number |
|--------------------------|-------|--------|
| Cereal                   |       | 5      |
| Eggs                     |       | 15     |
| Pancakes                 |       | 20     |
| Grilled Cheese           |       | 15     |

**Favorite Breakfast Foods**



**2** What was the most popular breakfast food? \_\_\_\_\_

**3** How many people liked either cereal or pancakes? \_\_\_\_\_

**4** Which breakfast foods did the same number of people like?

\_\_\_\_\_

**5** How many fewer people chose cereal than chose eggs? \_\_\_\_\_

## BRAIN STRETCH



**1** 
$$\begin{array}{r} 718 \\ + 288 \\ \hline \end{array}$$

**2** 
$$\begin{array}{r} 835 \\ - 299 \\ \hline \end{array}$$

**3** 
$$\begin{array}{r} 287 \\ + 634 \\ \hline \end{array}$$

**4** 
$$\begin{array}{r} 544 \\ - 198 \\ \hline \end{array}$$



# MONDAY

## Patterning and Algebra

- 1** What number comes next?

25, 50, 75, 100, \_\_\_\_\_

- 2** Which number sentence has the same answer as  $14 - 7$ ?

A.  $6 + 2$    B.  $5 + 2$    C.  $10 - 5$

- 3** What is the missing number?

\_\_\_\_\_  $+ 4 = 12$

- 4** Is this a growing, shrinking, or repeating pattern?



- 5** What is the next number if the pattern rule is subtract 4?

41, \_\_\_\_\_

# TUESDAY

## Number Sense and Operations

- 1**  $67 \times 10 =$  \_\_\_\_\_

- 2** Write the number words for these numerals.

A. 231 \_\_\_\_\_

B. 1,000 \_\_\_\_\_

- 3** Write each amount in decimal form.

A. three dollars and sixty cents \_\_\_\_\_

B. twenty dollars and five cents \_\_\_\_\_

- 4** Compare the two fractions. Choose  $>$  or  $<$ .

$\frac{2}{8}$    $\frac{7}{8}$

- 5** Which creature is first in the row?



A.

B.

C.

# WEDNESDAY

## Geometry

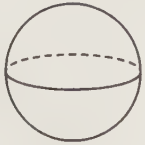
**1** Name a 3D shape that can be rolled.

\_\_\_\_\_

**2** How many vertices does a triangle have?

\_\_\_\_\_

**3** How many vertices?



\_\_\_\_\_

**4** Does this shape have a line of symmetry?



A. yes

B. no

**5** Describe the following pair of lines.



A. parallel

B. intersecting

C. perpendicular



# THURSDAY

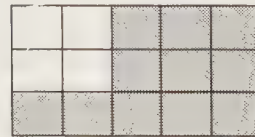
## Measurement

**1** What will the time be 30 minutes from now?



\_\_\_\_\_

**2** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

**3** Which measuring tool would you use to find a date?

A. calendar

B. ruler

C. scale

**4** Order the temperatures from lowest to highest.

33°C, 12°C, -3°C

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



Ben went fishing. Look at the chart to see the number of fish Ben caught between Monday and Friday.

| Day of the Week       | Monday | Tuesday | Wednesday | Thursday | Friday |
|-----------------------|--------|---------|-----------|----------|--------|
| Number of Fish Caught | 2      | 4       | 6         | 8        | 10     |

- 1 On what day did Ben catch the most number of fish? \_\_\_\_\_
- 2 On what day did Ben catch the least number of fish? \_\_\_\_\_
- 3 What kind of pattern do you notice? \_\_\_\_\_
- 4 How many fish did Ben catch on Tuesday and Thursday? \_\_\_\_\_
- 5 What is the difference between the most number of fish Ben caught and the fewest number of fish? \_\_\_\_\_

## BRAIN STRETCH



Sophie had 192 tulip bulbs to plant.  
She planted 49 tulip bulbs.  
How many tulip bulbs still need to be planted?



# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

111, 121, 131, \_\_\_\_\_, 151, 161

- 2** Which number sentence has the same answer as  $3 \times 3$ ?

A.  $8 + 2$    B.  $8 + 1$    C.  $10 - 6$

- 3** Extend the pattern.

22, 27, 32, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 5** What is the next number if the pattern rule is add 8?

54, \_\_\_\_\_

- 4** Is this a growing, shrinking, or repeating pattern?



# TUESDAY

## Number Sense and Operations

- 1** Write the number word for 6,231.

\_\_\_\_\_

- 2** Count on by 10s.

901, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 3** Write each amount in decimal form.

A. seventy-eight cents \_\_\_\_\_

B. ninety-nine dollars and two cents \_\_\_\_\_

- 4** Circle  $\frac{2}{4}$  of the group.



- 5** What number comes just before 2,068?

\_\_\_\_\_

- 6** Subtract.

$$\frac{9}{10} - \frac{7}{10} =$$



# WEDNESDAY

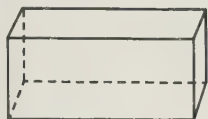
## Geometry

**1** Draw a quadrilateral.

**2** Name a shape that is not a polygon.

\_\_\_\_\_

**3** How many edges?



\_\_\_\_\_

**4** Look at the shapes.  
Choose flip, slide, or turn.



A. flip    B. slide    C. turn

**5** Describe the following pair of lines.



A. parallel    B. intersecting    C. perpendicular

# THURSDAY

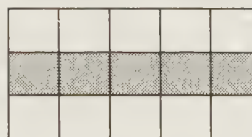
## Measurement

**1** What time is it?



\_\_\_\_\_

**2** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

**3** How much water could a bathtub hold?  
Circle the better estimate.

A. 20 pints    B. 20 gallons

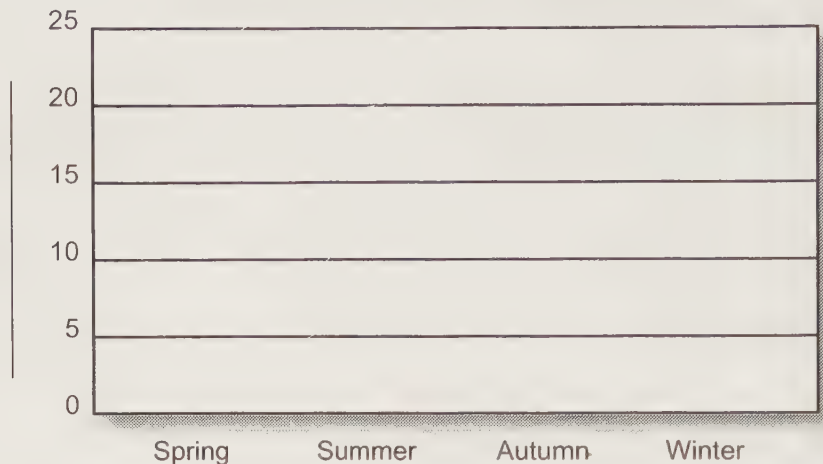
**4** Which amount is lighter?

A. 10 ounces    B. 10 pounds

Use data from the chart to complete the bar graph. Make sure you add labels!

### Favorite Season Survey

| Season | Number of Votes |
|--------|-----------------|
| Spring | 10              |
| Summer | 15              |
| Autumn | 25              |
| Winter | 15              |



**1** List the seasons in order from the most votes to the fewest votes.

\_\_\_\_\_

**2** How many more people chose winter than chose spring? \_\_\_\_\_

**3** How many people chose either summer or autumn? \_\_\_\_\_

## BRAIN STRETCH



John collected 234 stamps. Avita collected 356 stamps.  
How many stamps did they collect altogether?





# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

87, 77, 67, \_\_\_\_\_, 47, 37

- 2** Which number sentence has the same quotient as  $30 \div 6$ ?

A.  $14 \div 2$    B.  $25 \div 5$    C.  $24 \div 6$

- 3** Draw an array to find the product.

$$9 \times 3 = \underline{\hspace{2cm}}$$

- 4** What number comes next?

335, 340, 345, \_\_\_\_\_

- 5** What is the next number if the pattern rule is subtract 1?

87, \_\_\_\_\_



# TUESDAY

## Number Sense and Operations

- 1** Write the numeral for:

$$6,000 + 500 + 20 + 2$$

\_\_\_\_\_

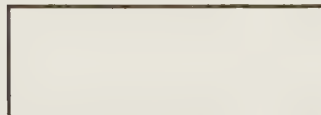
- 2** Write an addition sentence that equals  $6 \times 7$ . Include the sum.

- 3** Round the following numbers to the nearest 100.

A. 890 \_\_\_\_\_

B. 429 \_\_\_\_\_

- 4** Draw lines on the shape to show thirds.



**5**

$$\begin{array}{r} 789 \\ + 155 \\ \hline \end{array}$$

# WEDNESDAY

## Geometry

1 Draw a trapezoid.

3 How many faces?



5 What 3D shape could be made from these pieces?



A. cone   B. cube   C. pyramid

2 How many lines of symmetry does this number have?

9

4 Does this shape have a line of symmetry?



A. yes  
B. no



# THURSDAY

## Measurement

1 What time is it?



2 Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

3 What is the best unit of measure for the distance between two cities?

A. miles   B. yards   C. meters

4 What month comes after July?

\_\_\_\_\_



Here are the results of a survey on favorite farm animals.

| Animal   | Tally | Number |
|----------|-------|--------|
| Chickens |       |        |
| Cows     |       |        |
| Pigs     |       |        |
| Horses   |       |        |
| Sheep    |       |        |

- 1 How many people participated in the survey? \_\_\_\_\_
- 2 Which animal was the most popular? \_\_\_\_\_
- 3 How many more people chose horses than chose cows? \_\_\_\_\_
- 4 How many animals were chosen by the same number of people? \_\_\_\_\_
- 5 How many people chose either chickens or pigs? \_\_\_\_\_



## BRAIN STRETCH



Mathew had 5 book shelves. On each shelf he put 10 books. How many books were on the book shelves altogether?

# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

20, 40, 60, \_\_\_\_\_, 100, 120

- 3** What number comes next?

52, 50, 48, \_\_\_\_\_

- 5** What is the next number if the pattern rule is add 7?

63, \_\_\_\_\_

- 2** Which number sentence has the same sum as  $10 + 7$ ?

A.  $6 + 11$    B.  $8 + 8$    C.  $11 + 9$

- 4** Draw an array.  
Write a division sentence and solve it.

30 circles in 5 rows

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_

# TUESDAY

## Number Sense and Operations

- 1** What is the value of the underlined digit?

A. 7,024 \_\_\_\_\_

B. 9,461 \_\_\_\_\_

- 2** Write each amount in decimal form.

thirty-four dollars and twenty-five cents

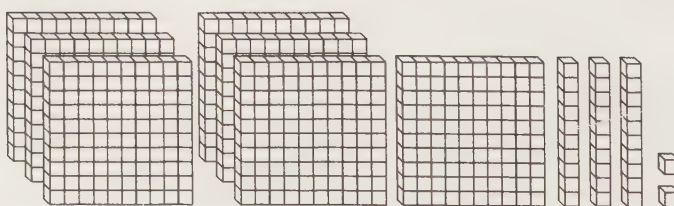
\_\_\_\_\_

fifty-two dollars and thirteen cents

\_\_\_\_\_

- 3**  $25 \times 100 =$

- 4** What is the number?





# WEDNESDAY

## Geometry

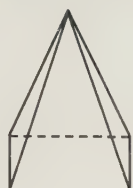
- 1** Name a 3D shape that can be stacked.

\_\_\_\_\_

- 2** How many vertices does an octagon have?

\_\_\_\_\_

- 3** How many vertices?



\_\_\_\_\_

- 4** Look at the shapes. Choose flip, slide, or turn.



A. flip    B. slide    C. turn

- 5** Circle the quadrilaterals with parallel sides.



# THURSDAY

## Measurement

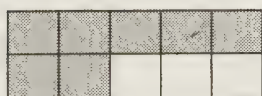
- 1** What might the temperature be on a very hot sunny day?

\_\_\_\_\_

- 2** What month is between September and November?

\_\_\_\_\_

- 3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

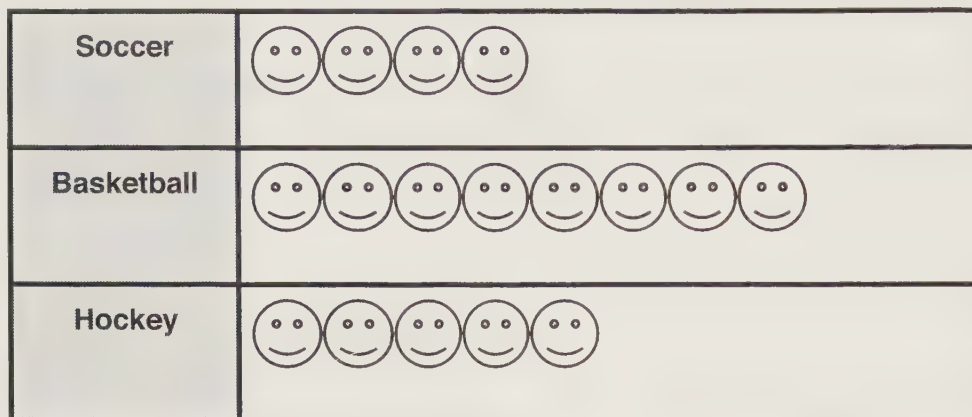
- 4** What is the best unit of measure for the length of a grasshopper?

\_\_\_\_\_



The third grade class took a survey on favorite sports. They displayed the data as a pictograph. Use their pictograph to answer the questions.

**Favorite Sports Survey**



Key:  = 3 votes

- 1 How many students liked soccer? \_\_\_\_\_
- 2 How many students liked basketball? \_\_\_\_\_
- 3 How many students liked hockey? \_\_\_\_\_
- 4 How many more students liked basketball than liked hockey? \_\_\_\_\_
- 5 List the sports from most favorite to least favorite.  
\_\_\_\_\_

## BRAIN STRETCH



Rafael has saved 24 dimes and 6 quarters.  
Rafael is hoping to buy hockey cards that cost \$5.60.  
How many more dimes and quarters does Rafael need to buy his cards?



# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

22, 27, 32, \_\_\_\_\_, 42, 47, 52

- 2** Which number sentence has the same product as  $10 \times 3$ ?

A.  $6 \times 7$    B.  $6 \times 5$    C.  $4 \times 9$

- 3** Is this a growing, shrinking, or repeating pattern?



\_\_\_\_\_

- 4** Draw an array. Write a division sentence and solve it.

28 circles in 4 rows

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_

- 5** What is the next number if the pattern rule is subtract 3?    31, \_\_\_\_\_

# TUESDAY

## Number Sense and Operations

- 1** Write the numeral for:

$3,000 + 900 + 40 + 3$

\_\_\_\_\_

- 2** Round the following numbers to the nearest 100.

A. 481 \_\_\_\_\_

B. 750 \_\_\_\_\_

C. 222 \_\_\_\_\_

- 3** Vivian cuts a cake into 8 equal parts. What is each equal part called?

\_\_\_\_\_

- 4** Draw 15¢ using 3 coins.

- 5** Circle half of the group



- 6**  $20 \times 8 =$

# WEDNESDAY

## Geometry

**1** What does congruent mean?

---

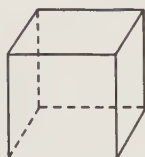


---

**2** How many sides does a pentagon have?

---

**3** How many vertices?




---

**4** Does this shape have a line of symmetry?



- A. yes  
B. no

**5** What 3D shape could be made from these pieces?



- A. cone    B. cube    C. pyramid



# THURSDAY

## Measurement

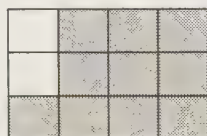
**1** What is the better estimate of the temperature on hot sunny day?

- A. 30°F    B. 30°C

**2** The time is 1:00 p.m.  
What time will it be in 4 hours?

- A. 5:00 p.m.  
B. 5:15 p.m.  
C. 5:30 p.m.

**3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

**4** Which measuring tool would you use to find the temperature?

- A. calendar  
B. thermometer  
C. scale



Use the calendar to answer the questions.

### September

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---------|-----------|----------|--------|----------|
|        |        | 1       | 2         | 3        | 4      | 5        |
| 6      | 7      | 8       | 9         | 10       | 11     | 12       |
| 13     | 14     | 15      | 16        | 17       | 18     | 19       |
| 20     | 21     | 22      | 23        | 24       | 25     | 26       |
| 27     | 28     | 29      | 30        |          |        |          |



- 1** How many Wednesdays are in the month of September? \_\_\_\_\_
- 2** What day of the week is September 17th? \_\_\_\_\_
- 3** Name the date that is 5 days after September 23rd. \_\_\_\_\_
- 4** What date is the second Tuesday in September? \_\_\_\_\_
- 5** What day of the week does the month end on? \_\_\_\_\_

## BRAIN STRETCH



Wendy had 24 trophies. She divided them into groups of 4.  
How many groups of trophies did she have?

# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

666, 665, 664, \_\_\_\_\_, 662, 661

- 2** Which number sentence has the same quotient as  $36 \div 6$ ?

A.  $60 \div 10$    B.  $90 \div 2$    C.  $48 \div 6$

- 3** Complete the fact family.

$4 \times 9 = 36$                       \_\_\_\_\_  $\times 4 = 36$

$36 \div 9 =$  \_\_\_\_\_                      \_\_\_\_\_  $\div 4 = 9$

- 4** Extend the pattern.

25, 50, 75, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 5** What is the next number if the pattern rule is add 10?

611, \_\_\_\_\_



# TUESDAY

## Number Sense and Operations

- 1** Round the following numbers to the nearest 100.

A. 239 \_\_\_\_\_

B. 550 \_\_\_\_\_

C. 194 \_\_\_\_\_

- 2** Order the numbers from greatest to least.

670, 727, 617

\_\_\_\_\_  $>$  \_\_\_\_\_  $>$  \_\_\_\_\_

- 3** Count on by 100s.

3,400 \_\_\_\_\_

**4** 
$$\begin{array}{r} 287 \\ + 576 \\ \hline \end{array}$$

- 5** Estimate and then solve the difference.

Estimate \_\_\_\_\_ 
$$\begin{array}{r} 851 \\ - 289 \\ \hline \end{array}$$

**6**  $30 \times 9 =$



# WEDNESDAY

## Geometry

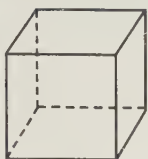
- 1** Name a shape that has 4 right angles.

\_\_\_\_\_

- 2** Circle the shapes that look congruent.



- 3** How many edges?



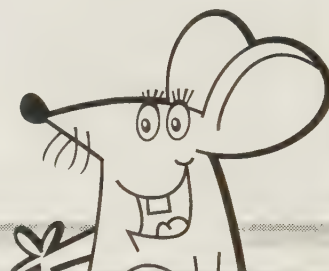
\_\_\_\_\_

- 4** How many lines of symmetry does this number have?

**2**

\_\_\_\_\_

- 5** Circle the shapes with 3 vertices.



# THURSDAY

## Measurement

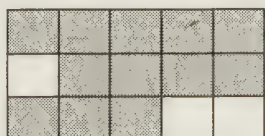
- 1** Which distance is longer?

A. 1 mile    B. 100 feet

- 2** What is the best unit of measure for the width of a hand?

A. inch    B. foot    C. yard

- 3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

- 4** Order the temperatures from highest to lowest.

6°C, -8°C, 22°C

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Use the calendar to answer the questions.

### August

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---------|-----------|----------|--------|----------|
|        |        |         |           | 1        | 2      | 3        |
| 4      | 5      | 6       | 7         | 8        | 9      | 10       |
| 11     | 12     | 13      | 14        | 15       | 16     | 17       |
| 18     | 19     | 20      | 21        | 22       | 23     | 24       |
| 25     | 26     | 27      | 28        | 29       | 30     | 31       |



- 1 How many Sundays are in the month of August? \_\_\_\_\_
- 2 What day of the week is August 15th? \_\_\_\_\_
- 3 Name the date that is 1 week after August 18th. \_\_\_\_\_
- 4 What date is the third Tuesday in August? \_\_\_\_\_
- 5 What day of the week does the month end on? \_\_\_\_\_

## BRAIN STRETCH



Tim has 4 bags with 6 marbles in each bag.  
 Simon has 5 bags with 2 marbles in each bag.  
 How many more marbles does Tim have than Simon?



# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

200 400 600 \_\_\_\_\_ 1,000

- 2** Which number sentence has the same sum as  $22 + 8$ ?

A.  $11 + 11$    B.  $15 + 15$    C.  $10 + 10$

- 3** Fill in the blank to make the equation true.

$5 \times 2 = 5 + \underline{\hspace{2cm}}$

- 4** What number comes next?

32, 41, 50, \_\_\_\_\_

- 5** What is the next number if the pattern rule is subtract 12?

54, \_\_\_\_\_



# TUESDAY

## Number Sense and Operations

- 1** Write the numbers in expanded form.

A. 2,531 \_\_\_\_\_

B. 8,214 \_\_\_\_\_

- 2** Compare the numbers using  $<$ ,  $>$ , or  $=$ .

945  945

- 3** Count on by 1s.

857, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 4** Write each amount in decimal form.

A. four dollars and fourteen cents

B. eighty-two cents

- 5** Circle  $\frac{1}{3}$  of the group.



# WEDNESDAY

## Geometry

- 1** What shape does this sign look like?



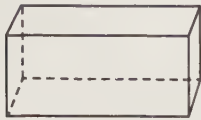
\_\_\_\_\_

- 2** Is this shape a quadrilateral?



- A. yes  
B. no

- 3** How many faces?



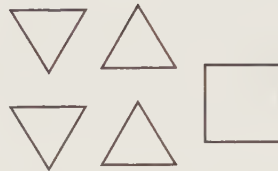
\_\_\_\_\_

- 4** How many lines of symmetry?



\_\_\_\_\_

- 5** What 3D shape could be made from these pieces?

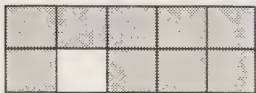


- A. cone    B. cube    C. pyramid

# THURSDAY

## Measurement

- 1** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

- 3** Order the temperatures from highest to lowest.

15°C, -5°C, 30°C

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ 2

**2**



What time is it? \_\_\_\_\_

What time was it 30 minutes ago? \_\_\_\_\_

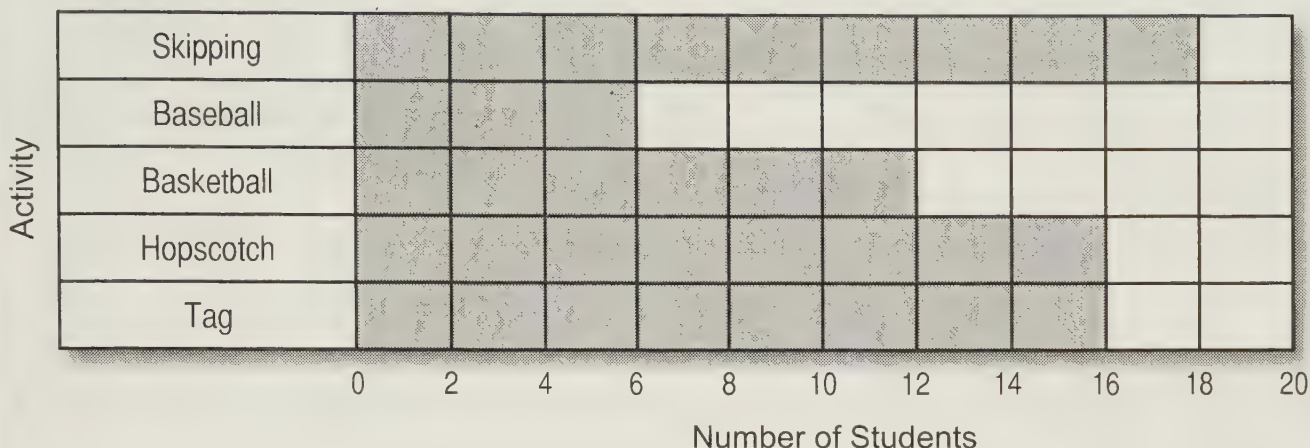
- 4** What is the best unit of measure for the width of a house?

- A. inches    B. feet    C. yards



Ms. Robinson conducted a class survey on favorite recess activities. Read the graph and answer the questions.

**Favorite Recess Activities**

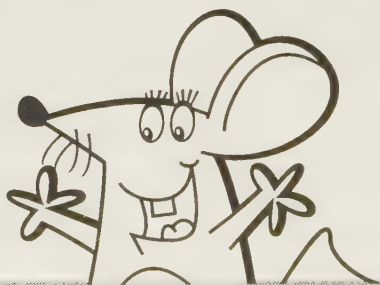


- 1** The most popular recess activity is \_\_\_\_\_.
- 2** Which two activities had the same number of votes? \_\_\_\_\_
- 3** Which activity had 6 votes? \_\_\_\_\_
- 4** List the recess activities from least popular to most popular.  
\_\_\_\_\_

## BRAIN STRETCH



Ms. Poulos wanted to buy cookies for her class. Each box had 6 cookies. How many boxes of cookies did she need if she had 24 students in her class?



# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

29, 39, 49, \_\_\_\_\_, 69, 79

- 2** Which number sentence has the same answer as  $30 - 9$ ?

A.  $16 + 2$     B.  $18 + 3$     C.  $10 + 1$

- 3** Compare using  $<$ ,  $>$ , or  $=$ .

$70 \div 7$   7

- 4** Is this a growing, shrinking, or repeating pattern?



- 5** What is the next number if the pattern rule is add 20?

20, \_\_\_\_\_

# TUESDAY

## Number Sense and Operations

- 1** Draw three coins to show 55¢.

- 2** Round the numbers to the nearest 10.

A. 165 \_\_\_\_\_

B. 722 \_\_\_\_\_

- 3** Count on by 25s.

100, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 4** Estimate and then solve the difference.

671  
Estimate \_\_\_\_\_  $-$  478

- 5** Order the numbers from greatest to least.

7,321    3,244    5,638    5,012

\_\_\_\_\_  $>$  \_\_\_\_\_  $>$  \_\_\_\_\_  $>$  \_\_\_\_\_

- 6**  $35 \div 5 =$



# WEDNESDAY Geometry

- 1** What shape does this sign look like?



\_\_\_\_\_

- 2** Look at the shapes.  
Choose flip, slide, or turn.



A. flip   B. slide   C. turn

- 3** How many edges?



\_\_\_\_\_

- 4** How many right angles does an octagon have?

\_\_\_\_\_

- 5** Circle the shapes with more than 2 pairs of parallel sides.



# THURSDAY Measurement

- 1** The time is 7:30 p.m.  
What time was it 2 hours ago?

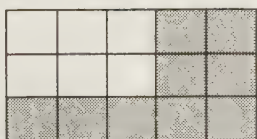
A. 5:00 p.m.  
B. 5:15 p.m.  
C. 5:30 p.m.

- 2** What time is it?



\_\_\_\_\_

- 3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

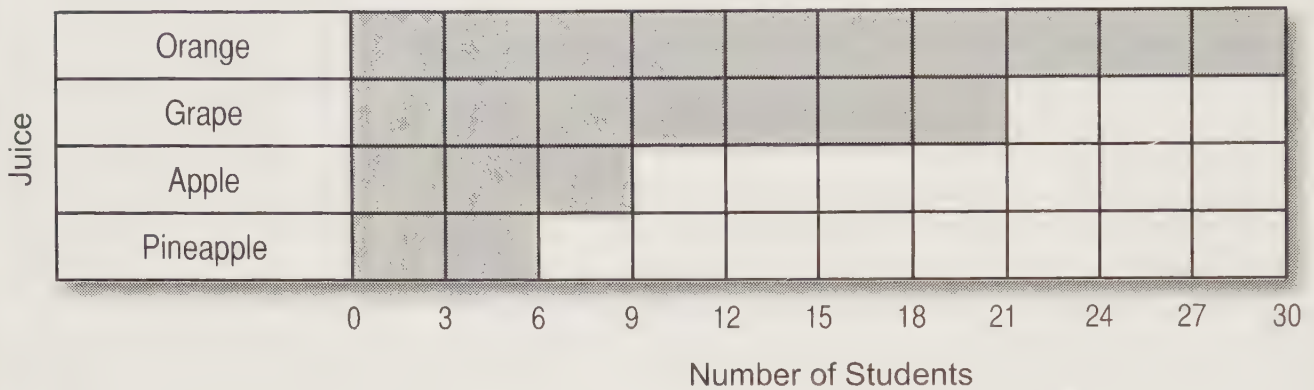
The area is \_\_\_\_\_ square units.

- 4** What is the best unit of measure for the length of a pencil?

A. millimeters  
B. centimeters  
C. meters

Ms. Robinson conducted a class survey on favorite juice. Read the graph and answer the questions.

Favorite Juice



**1** How many people chose either grape or apple? \_\_\_\_\_

**2** The least popular juice is \_\_\_\_\_.

**3** List the juices from least popular to most popular.

\_\_\_\_\_

**4** How many more people liked orange than liked pineapple? \_\_\_\_\_

## BRAIN STRETCH



Patricia has 1 red hair ribbon and 2 blue hair ribbons. What fraction of Patricia's hair ribbons are blue?





# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

75, 80, 85, \_\_\_\_\_, 95, 100

- 2** Which number sentence has the same quotient as  $48 \div 6$ ?

A.  $32 \div 8$    B.  $64 \div 8$    C.  $40 \div 8$

- 3** Compare using  $<$ ,  $>$ , or  $=$ .

$10 \times 10$   100

- 4** Write two multiplication sentences for the array.

OOOOOOOOOO  
OOOOOOOOOO  
OOOOOOOOOO

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

- 5** What is the next number if the pattern rule is add 25?

225, \_\_\_\_\_

# TUESDAY

## Number Sense and Operations

- 1**  $80 \times 9 =$

- 2** Count back by 1s.

675, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 3** Write the number word for 1,888.

\_\_\_\_\_

- 4** Round the numbers to the nearest 10.

A. 209 \_\_\_\_\_

B. 666 \_\_\_\_\_

- 5** What is the value of the coins?



- 6** Compare the two fractions. Choose  $>$  or  $<$ .

$\frac{3}{5}$    $\frac{2}{5}$

# WEDNESDAY

## Geometry

- 1** What shape does this sign look like?

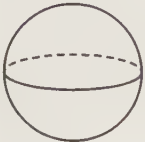


\_\_\_\_\_

- 2** Turn this shape.



- 3** How many faces?



\_\_\_\_\_

- 4** Which of the following is a line segment?



- 5** Circle the polygons with 4 vertices.



# THURSDAY

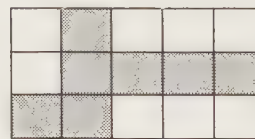
## Measurement

- 1** What time is it?



\_\_\_\_\_

- 2** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

- 3** Which tool would you use to measure the flour in a cake recipe?

- A. scale
- B. thermometer
- C. measuring cup

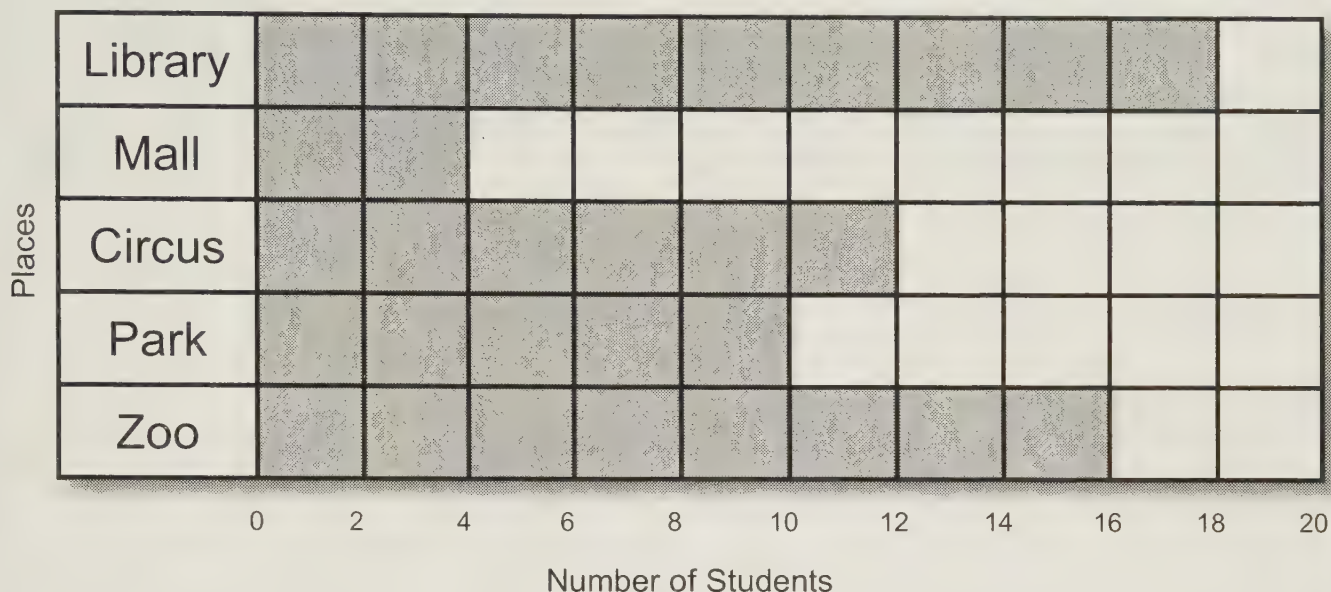
- 4** The time is 4:30 p.m.  
What time will it be in 20 minutes?

- A. 5:00 p.m.
- B. 4:50 p.m.
- C. 4:30 p.m.



Mrs. Turnbull conducted a survey on students' favorite places to visit. Use the information from the bar graph to answer the questions.

Favorite Places To Visit



- 1 How many fewer students chose the mall than chose the zoo? \_\_\_\_\_
- 2 How many students chose the zoo? \_\_\_\_\_
- 3 What is the least popular place to visit? \_\_\_\_\_
- 4 What is the most popular place to visit? \_\_\_\_\_
- 5 List the favorite places in order from most popular to least popular.  
\_\_\_\_\_

## BRAIN STRETCH



Bill's family drinks 3 L of orange juice a day.

How many litres of orange juice will Bill's family drink in a week?

# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

67, 69, 71, \_\_\_\_\_, 75, 77, 79

- 2** Which number sentence has the same product as  $10 \times 4$ ?

A.  $6 \times 8$    B.  $5 \times 8$    C.  $4 \times 8$

- 3** Find the missing factor.

$$4 \times h = 20$$

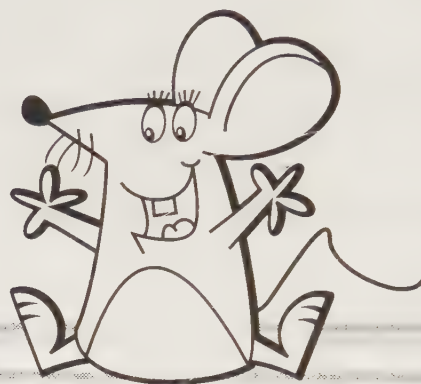
$$h = \underline{\hspace{2cm}}$$

- 4** What number comes next?

340, 330, 320, \_\_\_\_\_

- 5** What is the next number if the pattern rule is subtract 30?

100, \_\_\_\_\_



# TUESDAY

## Number Sense and Operations

- 1**  $25 \div 5 =$

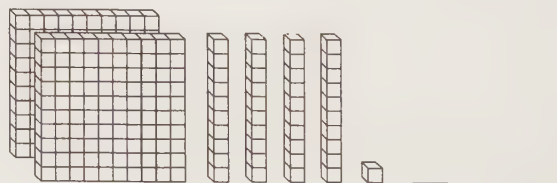
- 2**  $3 \times 50 =$

- 3** Write the numeral for:

$$9,000 + 200 + 10 + 6$$

\_\_\_\_\_

- 4** What is the number?



- 5** What fraction does the number line show?





# WEDNESDAY

## Geometry

- 1** What 3D shape does the fruit look like?

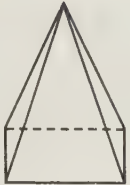


\_\_\_\_\_

- 2** Circle a set of perpendicular lines.

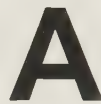


- 3** How many edges?



\_\_\_\_\_

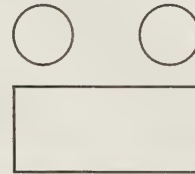
- 4** How many lines of symmetry does this letter have?



\_\_\_\_\_

- 5** What 3D shape could be made from these pieces?

A. cone    B. cylinder    C. pyramid



# THURSDAY

## Measurement

- 1** What time is it?



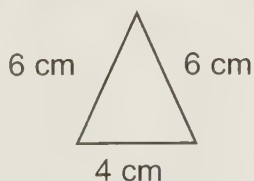
\_\_\_\_\_

- 2** Order the temperatures from highest to lowest.

8°C, 29°C, -10°C

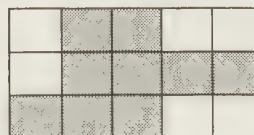
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 3** Find the perimeter of the triangle.



\_\_\_\_\_

- 4** What is the area of the shaded shape?



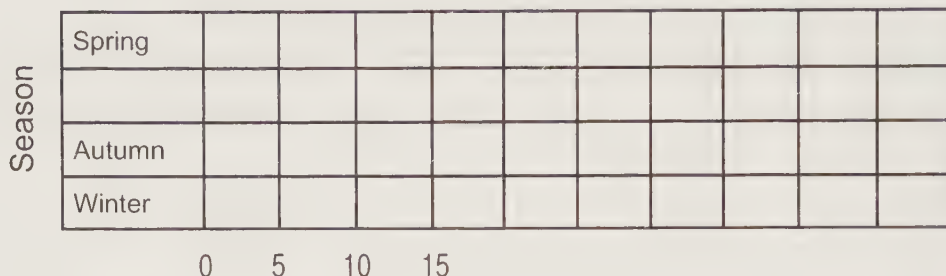
\_\_\_\_\_ square units

Mr. Lopez's class conducted a survey on favorite seasons.  
Add the missing labels to the graph.  
Complete the graph and answer the questions.

### Favorite Season

| Season | Number of Votes |
|--------|-----------------|
| Spring | 35              |
| Summer | 50              |
| Autumn | 40              |
| Winter | 20              |

### Favorite Season Graph

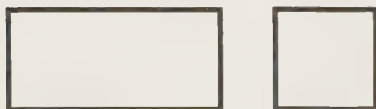


- 1 How many people chose either summer or winter? \_\_\_\_\_
- 2 What is the most popular season? \_\_\_\_\_
- 3 List the seasons from the most popular to the least popular.  
\_\_\_\_\_
- 4 How many more people liked autumn than liked spring? \_\_\_\_\_

## BRAIN STRETCH



How are the attributes of a rectangle and a square the same?





# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

781, 780, 779, \_\_\_\_\_, 777, 776

- 2** Which number sentence has the same sum as  $8 + 8$ ?

A.  $6 + 2$    B.  $8 + 4$    C.  $10 + 6$

- 3** Compare using  $<$ ,  $>$ , or  $=$ .

$72 \div 9$   81

- 4** What letter comes next?

GGUPGGUPGGUP \_\_\_\_\_

- 5** What is the next number if the pattern rule is add 11?

50, \_\_\_\_\_



# TUESDAY

## Number Sense and Operations

- 1** Write each amount in decimal form.

A. seventeen dollars  
and fifty-three cents \_\_\_\_\_

B. ninety-nine cents \_\_\_\_\_

- 2** Round the following numbers to the nearest 100.

A. 358 \_\_\_\_\_

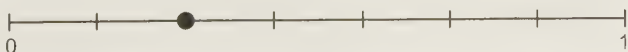
B. 621 \_\_\_\_\_

- 3**  $8 \times 7 =$  \_\_\_\_\_

- 4** Find the missing number.

$300 + \underline{\hspace{2cm}} + 1 = 381$

- 5** What fraction does the number line show? \_\_\_\_\_



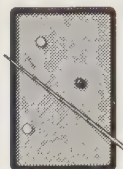
# WEDNESDAY

## Geometry

- 1** Flip this shape.



- 2** What shape does the pool table look like?



- 3** Circle the pair of shapes that look congruent.



- 4** How many vertices?



- 5** Circle the shapes that are not polygons.



# THURSDAY

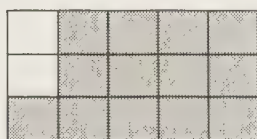
## Measurement

- 1** The time is 10:00 a.m.  
What time will it be in 30 minutes?

- A. 10:00 a.m.
- B. 10:15 a.m.
- C. 10:30 a.m.

- 2** Draw a line 4 cm long.

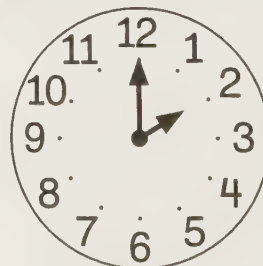
- 3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

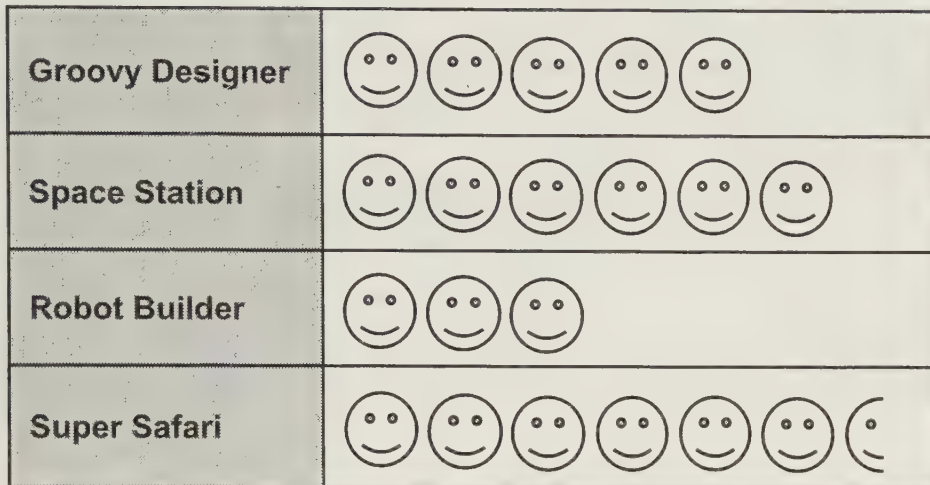
- 4** What time is it?





The third grade classes conducted a survey on their favorite games. They displayed the data as a pictograph. Use the pictograph to answer the questions.

**Favorite Video Game**



Key:  = 4 Students

- 1 How many students chose Super Safari? \_\_\_\_\_
- 2 How many more students chose Space Station than chose Robot Builder?  
\_\_\_\_\_
- 3 How many students chose Groovy Designer or Robot Builder? \_\_\_\_\_
- 4 How many students were surveyed? \_\_\_\_\_

## BRAIN STRETCH



How are the attributes of a parallelogram and a triangle different?



# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

16, 24, 32, \_\_\_\_\_, 48, 56, 64

- 2** Which number sentence has the same quotient as  $50 \div 5$ ?

A.  $80 \div 8$     B.  $60 \div 10$     C.  $40 \div 10$

- 3** What is the missing number?

$8 \times \underline{\hspace{2cm}} = 80$

- 5** What is the next number if the pattern rule is subtract 50?

300, \_\_\_\_\_

- 4** Complete the table.  
Rule: multiply by 2.

| Input | Output |
|-------|--------|
| 6     |        |
| 3     |        |
| 10    |        |



# TUESDAY

## Number Sense and Operations

- 1**  $72 \div 9 =$

- 2** Write the numeral for two thousand eight hundred eleven. \_\_\_\_\_

- 3** Are these numbers even or odd?

A. 99 \_\_\_\_\_

B. 144 \_\_\_\_\_

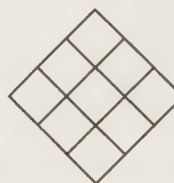
- 4** Order these numbers from least to greatest.

5,632    5,902    5,867    6,000

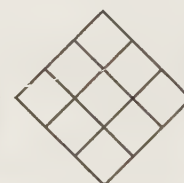
\_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_

- 5** Color each shape to show the fraction.

$\frac{2}{9}$



$\frac{5}{9}$

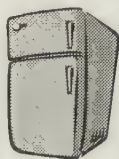




# WEDNESDAY

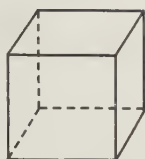
## Geometry

- 1** What shape does the refrigerator look like?



\_\_\_\_\_

- 3** How many vertices?



\_\_\_\_\_

- 2** Which of the following is a ray?

A.

B.

C.

D.

- 4** Draw a line of symmetry.



- 5** Circle the shapes that have all equal sides.



# THURSDAY

## Measurement

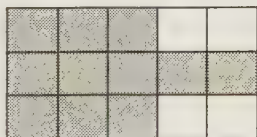
- 1** The time is 9:00 p.m.  
What time will it be in 15 minutes?

- A. 9:00 p.m.  
B. 9:15 p.m.  
C. 9:30 p.m.

- 2** Which measuring tool would you use to weigh a person?

- A. scale   B. ruler   C. calendar

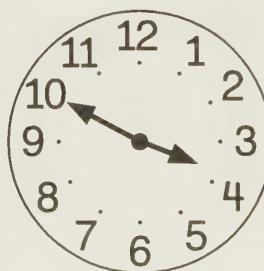
- 3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

- 4** What time is it?



\_\_\_\_\_

Use the calendar to answer the questions.

### November

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---------|-----------|----------|--------|----------|
|        |        |         |           | 1        | 2      | 3        |
| 4      | 5      | 6       | 7         | 8        | 9      | 10       |
| 11     | 12     | 13      | 14        | 15       | 16     | 17       |
| 18     | 19     | 20      | 21        | 22       | 23     | 24       |
| 25     | 26     | 27      | 28        | 29       | 30     |          |



- 1 How many Mondays are in the month of November? \_\_\_\_\_
- 2 What day of the week is November 5th? \_\_\_\_\_
- 3 Name the date that is 2 weeks after November 3rd. \_\_\_\_\_
- 4 What is the date of the third Sunday in November? \_\_\_\_\_
- 5 What day of the week does the month end on? \_\_\_\_\_

## BRAIN STRETCH



Write 6 subtraction facts that have an answer of 5.



# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

455, 465, 475, \_\_\_\_\_, 495

- 3** Find the missing factor and quotient.

$6 \times \underline{\hspace{2cm}} = 42$        $42 \div 7 = \underline{\hspace{2cm}}$

- 5** Is this a growing, shrinking, or repeating pattern?

1, 5, 1, 5, 1, 5, 1, 5

\_\_\_\_\_

- 2** Fill in the blank to make the equation true.

$7 \times 3 = 7 + 7 + \underline{\hspace{2cm}}$

- 4** Complete the table.  
Rule: divide by 3.

| Input | Output |
|-------|--------|
| 18    |        |
| 24    |        |
| 9     |        |



# TUESDAY

## Number Sense and Operations

- 1** Estimate and then solve the sum.

Estimate \_\_\_\_\_

$$\begin{array}{r} 562 \\ + 178 \\ \hline \end{array}$$

- 2** Write the numeral in standard form.

$2,000 + 900 + 40 + 3 = \underline{\hspace{2cm}}$

- 3** What number is 10 less than 546?
- \_\_\_\_\_

- 4**  $20 \div 2 =$

- 5** Compare the two fractions.  
Choose  $>$  or  $<$ .

$\frac{3}{4}$    $\frac{1}{4}$

- 6** Write an addition sentence that equals  $3 \times 9$ . Include the sum.

# WEDNESDAY

## Geometry

- 1** Draw a triangle with a right angle.

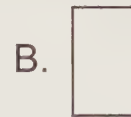
- 2** Slide this shape.



- 3** How many faces?

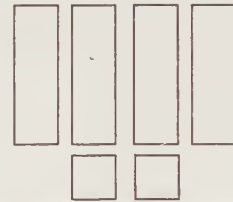


- 4** Which shape does not have a line of symmetry?



- 5** What 3D shape could be made from these pieces?

A. cone    B. cylinder    C. rectangular prism



# THURSDAY

## Measurement

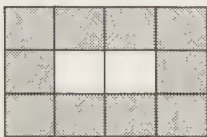
- 1** The time is 11:00 a.m.  
What time was it 45 minutes ago?

A. 10:00 a.m.  
B. 10:15 a.m.  
C. 10:30 a.m.

- 2** Which measuring tool would you use to weigh some apples?

A. scale    B. ruler    C. calendar

- 3** Find the perimeter and the area of the shaded shape.



The perimeter is \_\_\_\_\_ units.

The area is \_\_\_\_\_ square units.

- 4** What time is it?



\_\_\_\_\_



Use the calendar to answer the questions.

### February

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---------|-----------|----------|--------|----------|
|        |        |         |           |          | 1      | 2        |
| 3      | 4      | 5       | 6         | 7        | 8      | 9        |
| 10     | 11     | 12      | 13        | 14       | 15     | 16       |
| 17     | 18     | 19      | 20        | 21       | 22     | 23       |
| 24     | 25     | 26      | 27        |          |        |          |



- 1 What day of the week is February 18th? \_\_\_\_\_
- 2 How many Saturdays are there in this month? \_\_\_\_\_
- 3 On what day of the week will the next month begin? \_\_\_\_\_
- 4 What is the date of the second Thursday? \_\_\_\_\_
- 5 What is the date of the first Tuesday? \_\_\_\_\_

## BRAIN STRETCH



- 1  $5 \times 10 =$
- 2  $4 \times 9 =$
- 3  $5 \times 6 =$
- 4  $81 \div 9 =$
- 5  $3 \times 3 =$
- 6  $16 \div 2 =$
- 7  $3 \times 8 =$
- 8  $49 \div 7 =$
- 9  $90 \div 9 =$
- 10  $21 \div 3 =$
- 11  $6 \div 6 =$
- 12  $7 \times 8 =$

# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

33, 43, 53, \_\_\_\_\_, 73, 83

- 3** Compare using  $<$ ,  $>$ , or  $=$ .

$8 \times 3$   30

- 5** What is the pattern rule?

10, 20, 40, 80

\_\_\_\_\_

- 2** Which number sentence has the same quotient as  $45 \div 5$ ?

A.  $65 \div 8$     B.  $90 \div 10$     C.  $24 \div 6$

- 4** Complete the table.  
Rule: subtract 9.

| Input | Output |
|-------|--------|
| 89    |        |
| 40    |        |
| 28    |        |



# TUESDAY

## Number Sense and Operations

- 1**  $6 \times 40 =$

- 2** Bessie put two roses and five lilies into a vase. What fraction of Bessie's flowers are roses?

- 3** Fill in the missing number to make two equivalent fractions.

$$\frac{\quad}{4} = \frac{6}{8}$$

|               |               |               |               |
|---------------|---------------|---------------|---------------|
| $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ |               |
| $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ |

- 4** Round the following numbers to the nearest 10.

A. 235 \_\_\_\_\_

B. 847 \_\_\_\_\_



# WEDNESDAY

## Geometry

- 1** Draw a set of intersecting lines. **2** Choose the word that best describes this shape.

- 3** How many vertices?



\_\_\_\_\_



- A. quadrilateral  
B. square  
C. rectangle

- 4** Circle the shapes that look congruent.



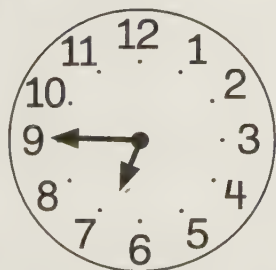
- 5** Circle the shapes with fewer than 5 vertices.



# THURSDAY

## Measurement

- 1** What time is it?

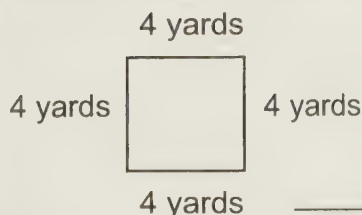


\_\_\_\_\_

- 2** The time is 6:30 p.m.  
What time was it 30 minutes ago?

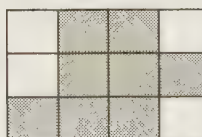
- A. 6:00 p.m.  
B. 5:45 p.m.  
C. 5:30 p.m.

- 3** What is the perimeter?



\_\_\_\_\_

- 4** What is the area of the shaded shape?



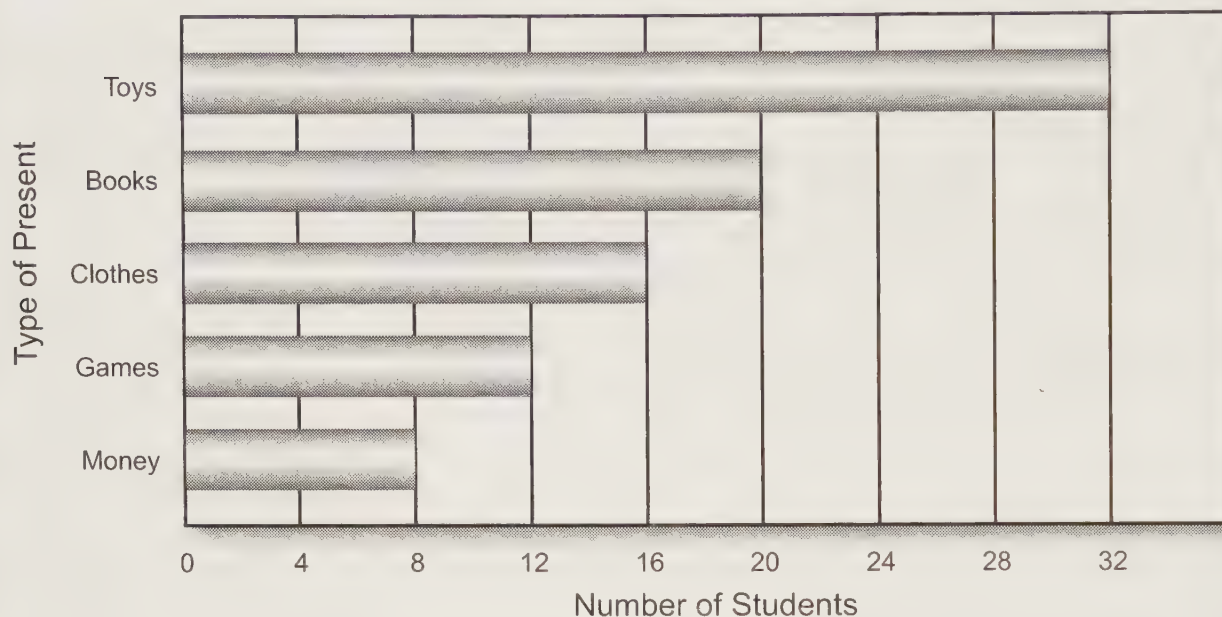
\_\_\_\_\_ square units

- 5** Which measuring tool would you use for an amount of milk?

- A. scale   B. ruler   C. measuring cup

The students in Ms. Chang's class voted for the types of presents they like to receive. This bar graph shows the results. Answer the questions using information from the graph.

**Presents Students Like to Receive**



- 1** How many students voted for games? \_\_\_\_\_
- 2** How many more students voted for books than for money? \_\_\_\_\_
- 3** Which type of present received 16 votes? \_\_\_\_\_
- 4** How many fewer students voted for games than for clothes? \_\_\_\_\_

## BRAIN STRETCH



- |                         |                         |                          |
|-------------------------|-------------------------|--------------------------|
| <b>1</b> $5 \times 7 =$ | <b>2</b> $2 \times 7 =$ | <b>3</b> $9 \times 9 =$  |
| <b>4</b> $30 \div 6 =$  | <b>5</b> $8 \times 9 =$ | <b>6</b> $20 \div 2 =$   |
| <b>7</b> $6 \times 6 =$ | <b>8</b> $70 \div 7 =$  | <b>9</b> $100 \div 10 =$ |
| <b>10</b> $14 \div 2 =$ | <b>11</b> $45 \div 9 =$ | <b>12</b> $4 \times 9 =$ |



# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

73, 78, 83, \_\_\_\_\_, 93, 98

- 2** Which number sentence has the same product as  $6 \times 6$ ?

A.  $4 \times 9$    B.  $3 \times 9$    C.  $2 \times 9$

- 3** Find the missing factor.

$$9 \times h = 72$$

$$h = \underline{\hspace{2cm}}$$

- 5** Extend the pattern.

88, 86, 84, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 4** Complete the table.  
Rule: subtract 100.

| Input | Output |
|-------|--------|
| 311   |        |
| 567   |        |
| 185   |        |



# TUESDAY

## Number Sense and Operations

- 1** Estimate and then solve the sum.

$$\begin{array}{r} \text{Estimate } \underline{\hspace{2cm}} \quad 236 \\ \quad \quad \quad + 397 \\ \hline \end{array}$$

- 2** Write the numerals in standard form.

A.  $7,000 + 800 + 20 + 1 = \underline{\hspace{2cm}}$

B.  $9,000 + 400 + 30 + 7 = \underline{\hspace{2cm}}$

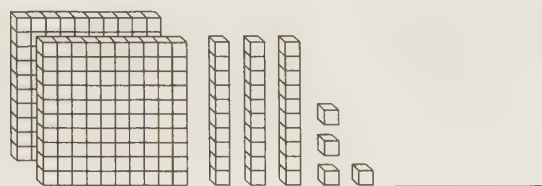
- 3** Count on by 25s.

750, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- 5** Compare the two fractions.  
Choose  $>$  or  $<$ .

$$\frac{1}{4} \quad \boxed{\hspace{1cm}} \quad \frac{1}{8}$$

- 4** What is the number?



- 6**  $6 \times 60 =$

# WEDNESDAY

## Geometry

- 1** Name an object that looks like a cylinder.

\_\_\_\_\_

- 2** Flip this shape.



- 3** What shape is on the top of a cylinder?



\_\_\_\_\_

- 4** Draw a line of symmetry.



- 5** What 3D shape could be made from these pieces?



A. pyramid    B. cylinder    C. cube

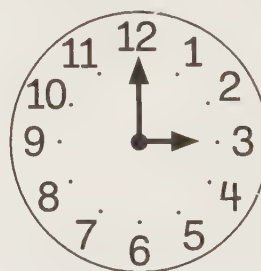
# THURSDAY

## Measurement

- 1** How many months in 3 years?

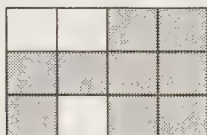
\_\_\_\_\_

- 2** What time will it be 4 hours from now?



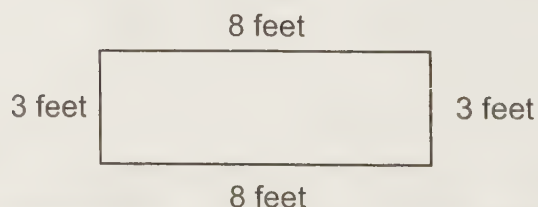
\_\_\_\_\_

- 3** What is the area of the shaded shape?



\_\_\_\_\_ square units

- 4** What is the perimeter of the rectangle?



- 5** How many meters in a kilometer?

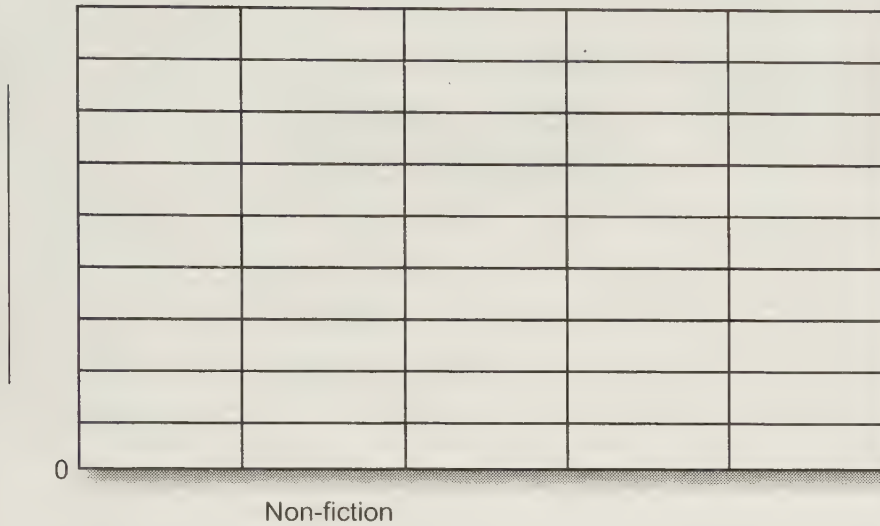
\_\_\_\_\_



Mei Ling conducted a class survey on favorite book genres. Use the results from her survey to create a bar graph and answer the questions.

**Favorite Book Genre**

| Book Genre  | Tally |
|-------------|-------|
| Mystery     |       |
| Non-fiction |       |
| Fiction     |       |
| Biography   |       |
| Adventure   |       |



**1** Which book genre was the most popular? \_\_\_\_\_

**2** List the book genres from the most popular to the least popular.

## BRAIN STRETCH



Stephen went to the store and bought a drink and snack for \$4.55. He paid with a \$5.00 bill. What was Stephen's change?

# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

100, 150, 200, \_\_\_\_\_, 300, 350

- 2** Which number sentence has the same quotient as  $54 \div 6$ ?

A.  $14 \div 7$    B.  $70 \div 10$    C.  $18 \div 2$

- 3** Complete the fact family.

$8 \times 10 = 80$    \_\_\_\_\_  $\times 8 = 80$

$80 \div 8 = \underline{\hspace{1cm}}$    \_\_\_\_\_  $\div 10 = 8$

- 5** What is the next number if the pattern rule is subtract 12?

76, \_\_\_\_\_

- 4** What is the rule?

| Input | Output |
|-------|--------|
| 69    | 59     |
| 124   | 114    |
| 15    | 5      |

A. add 10

B. subtract 10

C. multiply by 2

# TUESDAY

## Number Sense and Operations

**1**     592  
     - 215

- 2** Round the following numbers to the nearest 100.

A. 173 \_\_\_\_\_

B. 562 \_\_\_\_\_

C. 450 \_\_\_\_\_

- 3** Stephen read 3 non-fiction books and 5 fiction books in one week. What fraction of the books read by Stephen were fiction?

- 5** Circle  $\frac{5}{6}$  of the group.



- 4** Write an addition sentence that equals  $3 \times 4$ . Include the sum.



# WEDNESDAY

## Geometry

- 1** Name an object that looks like a cone.

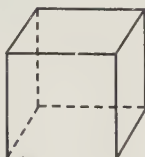
\_\_\_\_\_

- 2** Does this picture show a line of symmetry?



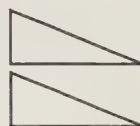
- A. yes  
B. no

- 3** How many faces?



\_\_\_\_\_

- 4** What shape can these two triangles make when combined?



- A. rhombus  
B. rectangle  
C. trapezoid

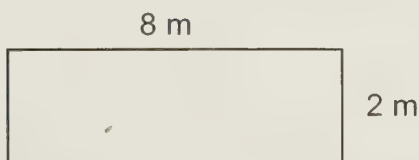
- 5** Circle the shapes that have right angles.



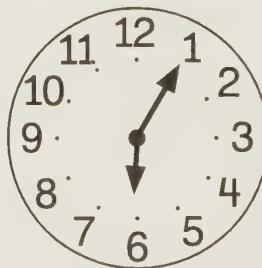
# THURSDAY

## Measurement

- 1** Calculate the area of the rectangle. \_\_\_\_\_



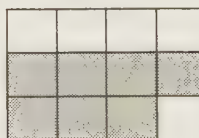
- 2** What time is it? \_\_\_\_\_



- 3** What is the best unit of measure for the width of a desk?

- A. yards    B. inches    C. meters

- 4** What is the perimeter of the shaded shape?



\_\_\_\_\_ units

The third grade classes took a survey of their personal collections. They displayed the data as a pictograph. Use the pictograph to answer the questions.

### Types of Collections

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stamps          |                                                                                                                                                                           |
| Dolls           |                                                                                                                                                                                                                                                                                                                                             |
| Trading Cards   |        |
| Shells          |                                                                                                                                                                           |
| Stuffed Animals |                                                                                                                                                                                                                                                                                                                                             |

Key:  = 4 Students

- How many students have a shell collection? \_\_\_\_\_
- How many more students collect trading cards than collect stuffed animals? \_\_\_\_\_
- Which type of collection is the most popular? \_\_\_\_\_
- How many students collect dolls or stamps? \_\_\_\_\_
- How many students have a stamp collection? \_\_\_\_\_

## BRAIN STRETCH



- |                         |                          |                          |
|-------------------------|--------------------------|--------------------------|
| <b>1</b> $5 \times 8 =$ | <b>2</b> $3 \times 7 =$  | <b>3</b> $1 \times 10 =$ |
| <b>4</b> $25 \div 5 =$  | <b>5</b> $10 \times 9 =$ | <b>6</b> $60 \div 6 =$   |
| <b>7</b> $7 \times 6 =$ | <b>8</b> $24 \div 8 =$   | <b>9</b> $9 \div 3 =$    |
| <b>10</b> $18 \div 2 =$ | <b>11</b> $63 \div 9 =$  | <b>12</b> $4 \times 2 =$ |

# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

225, 250, 275, \_\_\_\_\_, 325, 350

- 3** Complete the fact family.

$$5 \times 7 = 35 \quad \_\_\_ \times 5 = 35$$

$$35 \div 5 = \_\_\_ \quad \_\_\_ \div 7 = 5$$

- 5** What is the pattern rule?

34, 31, 28, 25, 22

\_\_\_\_\_

- 2** Choose the correct number to make the number sentence correct.

$$6 + 4 + 7 = 3 + \_\_\_ + 9$$

A. 4    B. 5    C. 10

- 4** Complete the table. Rule: add 100.

| Input | Output |
|-------|--------|
| 777   |        |
| 89    |        |
| 103   |        |

# TUESDAY

## Number Sense and Operations

- 1** Estimate and then solve the difference.

$$\begin{array}{r} 540 \\ \text{Estimate } \_\_\_\_\_ - 365 \end{array}$$

- 2** What is 100 more than 7,533?

\_\_\_\_\_

- 3**  $32 \div 8 =$

- 4** Write an addition sentence that equals  $6 \times 3$ . Include the sum.

- 5** Fill in the missing number to make two equivalent fractions.

$$\frac{1}{2} = \frac{\_\_\_}{6}$$

- 6**  $7 \times 40 =$

|               |               |               |  |  |  |
|---------------|---------------|---------------|--|--|--|
| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |  |  |  |
| $\frac{1}{2}$ |               |               |  |  |  |



# WEDNESDAY

## Geometry

- 1** Name an object that looks like a cube.

\_\_\_\_\_

- 2** Slide this shape.



- 3** How many edges?



\_\_\_\_\_

- 4** Does this picture show a line of symmetry?



- A. yes  
B. no

- 5** Circle the shapes that have parallel sides.



# THURSDAY

## Measurement

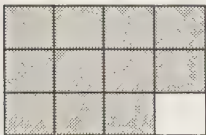
- 1** How many days in 7 weeks?

\_\_\_\_\_

- 2** How many feet in 4 yards?

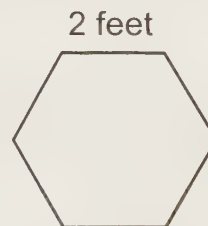
\_\_\_\_\_ feet

- 3** What is the area of the shaded shape?



\_\_\_\_\_ square units

- 4** Calculate the perimeter of the hexagon.



\_\_\_\_\_ feet

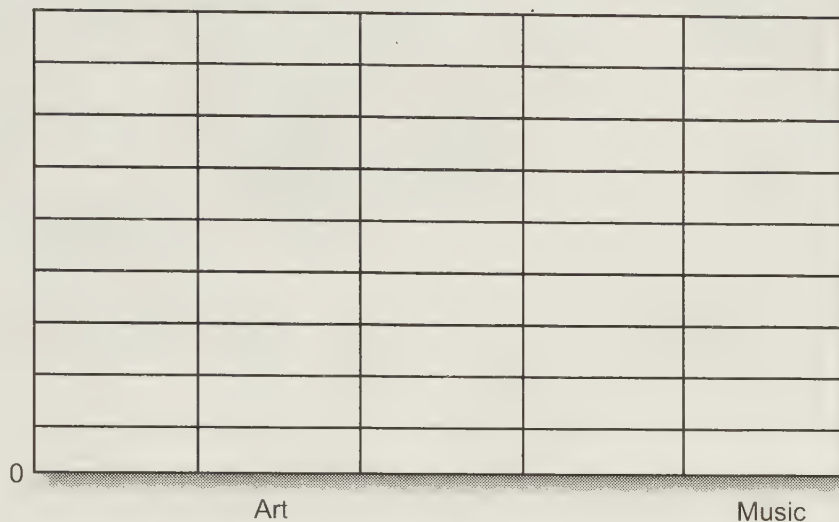
- 5** How many minutes between 2:00 and 5:00?

\_\_\_\_\_

Finish the bar graph to display the information from the chart.  
Write two sentences about what you can conclude from the graph.

**Favorite  
School Subjects**

| Subject | Tally |
|---------|-------|
| Reading | 35    |
| Art     | 25    |
| Math    | 15    |
| Science | 10    |
| Music   | 20    |



## BRAIN STRETCH



Alex reads 3 pages of a book on Monday, 6 pages of a book Tuesday, 9 pages of a book Wednesday. If Alex continues his reading pattern, how many pages of a book will he read on Friday?

# MONDAY

## Patterning and Algebra

- 1** Find the missing number.

88, 78, 68, \_\_\_\_\_, 48, 38

- 2** Which number sentence has the same product as  $4 \times 5$ ?

A.  $6 \times 3$    B.  $10 \times 2$    C.  $7 \times 2$

- 3** Find the missing factor and quotient.

$4 \times \underline{\hspace{2cm}} = 20$     $20 \div 4 = \underline{\hspace{2cm}}$

- 5** Is this a growing, shrinking, or repeating pattern?



- 4** What is the rule?

| Input | Output |
|-------|--------|
| 5     | 10     |
| 7     | 14     |
| 10    | 20     |

- A. add 10  
B. subtract 10  
C. multiply by 2

# TUESDAY

## Number Sense and Operations

- 1** Estimate and then solve the difference.

872

Estimate \_\_\_\_\_  $- 169$

- 2** Write the numeral for nine hundred sixty-two.

\_\_\_\_\_

- 3** Write each amount in decimal form.

A. twenty-nine dollars and two cents \_\_\_\_\_

B. seventy-five cents \_\_\_\_\_

- 4** What number is 10 more than 580?

\_\_\_\_\_

- 5** Circle  $\frac{1}{4}$  of the group.

- 6**  $6 \times 80 =$





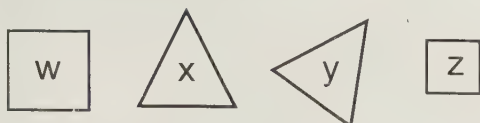
# WEDNESDAY

## Geometry

**1** Draw a set of parallel lines.

**2** Name an object that looks like a sphere.

**3** Which pair of shapes look congruent?

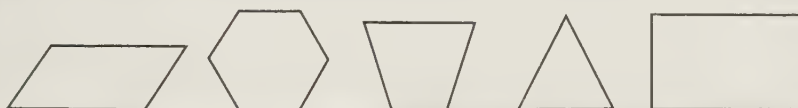


A. w and x    B. x and y    C. w and z

**4** Which shape does this object look like?



**5** Circle the shapes that have 2 pairs of parallel sides.

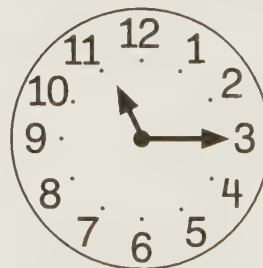


# THURSDAY

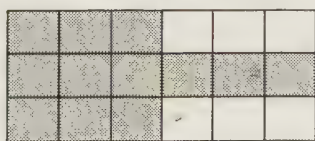
## Measurement

**1** Draw a line  $1\frac{1}{2}$  cm long.

**2** What time is it?



**3** What is the area of the shaded shape?

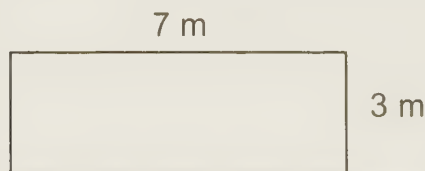


\_\_\_\_\_ square units

**4** Calculate the perimeter of the rectangle. \_\_\_\_\_

**5** Which measuring tool would you use to weight something?

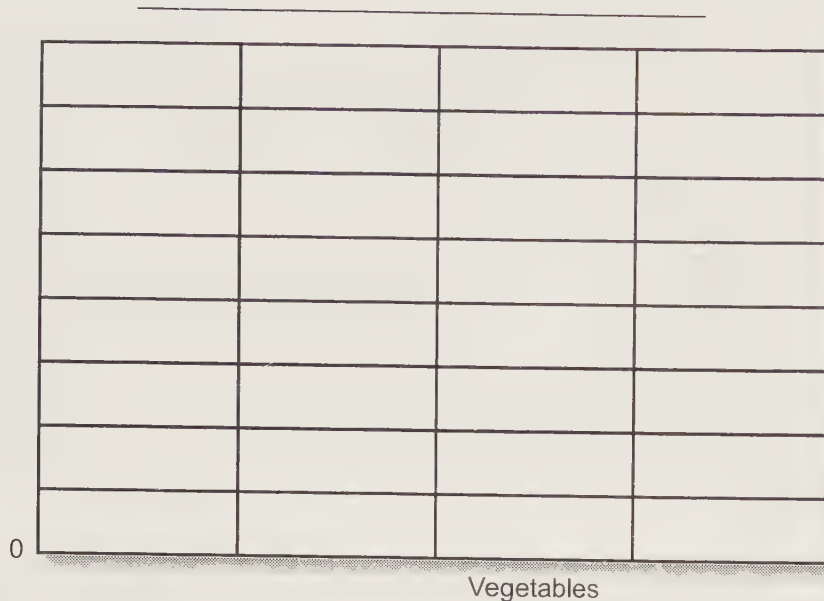
A. calendar    B. ruler    C. scale



Finish the bar graph to display the information from the chart.  
Write two sentences about what you can conclude from the graph

**Favorite  
Pizza Toppings**

| Topping    | Tally |
|------------|-------|
| Cheese     | 25    |
| Pepperoni  | 15    |
| Vegetables | 35    |
| Other      | 20    |




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## BRAIN STRETCH



Michelle went to the store and bought special markers for \$2.30 and a notepad for \$0.99. She paid with a \$5.00 bill. What was her change?

### Week 1, pages 1–3

- Monday 1. 12 2.  $3 + 3 + 3 + 3 = 12$ ,  $4 \times 3 = 12$  3. 7 4. 21 5. 40, 50, 60
- Tuesday 1. 830 2. 47 3. A. 70 B. 30 4. 421 5. \$1.16
- Wednesday 1. triangle 2. 4 3. cylinder 4. Accept any line that divides the circle in two equal halves. 5. 
- Thursday 1. 4:45 2. 12 units, 7 square units 3. 100 4. C
- Friday The number column of the favorite color chart should contain 7 for red, 13 for blue, 4 for green, and 7 for purple. 1. blue 2. green 3. 11 4. 31 5. red and purple

Brain Stretch 76 beads

### Week 2, pages 4–6

- Monday 1. 6 2. C 3. 8 4. 40; Arrays should show 8 groups of 5 circles each. 5. 140, 150, 160
- Tuesday 1. 434 2. 932 3. A. 80 B. 40 4. C 5. Sample answer:  $4 + 4 + 4 + 4 = 16$
- Wednesday 1. A 2. 8 3. cube 4.  5. 
- Thursday 1. 2 cups 2. B 3. 16 units, 11 square units 4. C
- Friday 1. breakfast ||, lunch ||||, dinner ||||| 2. dinner 3. breakfast 4. 11
- Brain Stretch 1. 89 2. 44 3. 99 4. 20

### Week 3, pages 7–9

- Monday 1. 24 2. C 3. 24; Arrays should show 6 groups of 4 circles each. 4. 44, 55, 66
- Tuesday 1. 402 2. A.  $4,000 + 300 + 90 + 8$  B.  $2,000 + 600 + 50 + 1$  3. A. 900 B. 5,000 4. <
- Wednesday 1. A 2. cone 3. 1 4. 3 5. B
- Thursday 1. 2 2. B 3. 12 units, 7 square units 4. C
- Friday 1. 30 2. orange juice 3. Lemonade and milk 4. 6
- Brain Stretch 1. 82 2. 66 3. 91 4. 35

### Week 4, pages 10–12

- Monday 1. 1 2. B 3. 24; Arrays should show 8 groups of 3 circles each. 4. AA, BB, AA
- Tuesday 1. A. odd B. even 2. A.  $7,000 + 200 + 40 + 1$  B.  $9,000 + 300 + 80 + 6$  3. 56¢ 4. B
- Wednesday 1. circle 2. 5 3. sphere 4. C 5. A
- Thursday 1. 3 2. Lines should measure 1 inch. 3. 8 units, 3 square units 4. C
- Friday 1. chocolate 2. vanilla 3. 35 4. 65
- Brain Stretch 130 stamps

### Week 5, pages 13–15

- Monday 1.  $8 + 8 + 8 + 8 = 32$ ,  $4 \times 8 = 32$  2. B 3. 15 4. 63, 73, 83 5. 29
- Tuesday 1. A.  $1,000 + 900 + 70 + 4$  B.  $3,000 + 10 + 3$  2. 382 3. 8 equal parts 4. <
- Wednesday 1. trapezoid 2. 4 3. square-based pyramid 4. B
- Thursday 1. 12" 2. Lines should measure 2 cm. 3. 14 units, 10 square units 4. 5:30, 5:45
- Friday 1. dog 2. bird 3. 15 4. 1 5. 3
- Brain Stretch 141 pieces of fruit

### Week 6, pages 16–18

- Monday 1. 2 2. A 3. 14 4. repeating 5. 22, 25, 28
- Tuesday 1. (67) 2. Sample answer:  $7 + 7 = 14$  3. 190, 180, 170, 160 4. C  
5. A.  $8,000 + 600 + 50 + 1$  B.  $9,000 + 700 + 40 + 2$
- Wednesday 1. quadrilateral or parallelogram 2. 4 3. rectangular prism 4.  5. A



Thursday 1. C 2. 15 minutes 3. 18 units, 10 square units 4. B  
 Friday 1. Vegetables III, Popcorn III, Fruit III, Crackers I 2. fruit 3. crackers 4. 12 5. crackers  
 Brain Stretch Sample answer:  $3 \times 8 = 24$ ,  $25 - 1 = 24$ ,  $12 + 12 = 24$

### Week 7, pages 19–21

Monday 1. 36 2. A 3. 14 4. 46, 51, 56 5. 72  
 Tuesday 1. A. 600 B. 2 2. 439 3. 665, 655, 645, 635 4. < 5. Sample answer:  $5 + 0 = 5$   
 Wednesday 1. 8 2. 4 3. B 4. B 5. sphere  
 Thursday 1. B 2. 10 minutes 3. 14 units, 9 square units 4.  $-4^{\circ}\text{C}$ ,  $12^{\circ}\text{C}$ ,  $30^{\circ}\text{C}$   
 Friday 1. 35 2. Oatmeal Raisin 3. 15 4. 10  
 Brain Stretch 10 triangles

### Week 8, pages 22–24

Monday 1. 6 2. C 3. Arrays should show 4 rows of 5 circles each.  $20 \div 4 = 5$  4. 50, 40, 30  
 Tuesday 1. A. 8,000 B. 70 2. A 3. A 4.   
 Wednesday 1.  2. A 3. cylinder 4. C 5. B  
 Thursday 1. 1,760 yards 2. B 3. Lines should measure 1 1/2 inches. 4. 14 units, 10 square units 5. C  
 Friday 1. Science Center III, Factory II, Museum III, Farm IIII 2. farm 3. farm 4. science center and museum  
 5. 12  
 Brain Stretch 262 marbles

### Week 9, pages 25–27

Monday 1. 14 2. A 3. Arrays should show 3 rows of 6 circles each.  $18 \div 3 = 6$  4. 44, 41, 38  
 Tuesday 1. Sample answer:  $6 + 6 + 6 + 6 + 6 = 30$  2. > 3. 383, 373, 363, 353 4. 4,609  
 5. A.  $8,000 + 700 + 60 + 6$  B.  $5,000 + 600 + 40 + 7$   
 Wednesday 1. sphere 2. A polygon is a closed figure with 3 or more straight sides. 3.   
 4. Sample answer:  5. A or C  
 Thursday 1. B 2. A 3. 14 units, 7 square units 4. A  
 Friday 1. Nicolette 2. 30 3. Stasia 4. 4  
 Brain Stretch 24 legs

### Week 10, pages 28–30

Monday 1. 54 2. 10 3. 83 4. growing 5.  $6 + 6 + 6 + 6 + 6 = 30$ ,  $5 \times 6 = 30$   
 Tuesday 1. 967 2. A.  $4,000 + 600 + 50 + 1$  B.  $9,000 + 700 + 60 + 5$  3. 135, 140, 145, 150 4. C  
 5. five hundred twenty-three 6. 150  
 Wednesday 1. A quadrilateral is a closed figure with 4 straight sides. 2. 0 3. cube 4.  5. C  
 Thursday 1. B 2. 15 minutes 3. 16 units, 9 square units 4. C  
 Friday 1. 5 2. 10 3. 5 4. tulips 5. 15  
 Brain Stretch 36 eggs

### Week 11, pages 31–33

Monday 1.  $5 \times 2 = 10$ ,  $2 \times 5 = 10$  2. Arrays should show 2 rows of 7 circles each.  $14 \div 2 = 7$  3. C 4. 44 5. 43  
 Tuesday 1. 407 2. A. even B. odd 3. 424, 426, 428, 430 4.  5.  $607 < 670 < 706$   
 6. All but one part should be colored.  
 Wednesday 1. pentagon 2. A 3. cone 4. A 5. 

- Thursday 1. A 2. Lines should measure 2 inches. 3. 16 units, 12 square units 4. B
- Friday 1. Mr. Patel 2. Ms. Apor and Ms. Rocco 3. Ms. Rocco 4. Mr. Patel 5. Ms. Apor and Ms. Rocco
- Brain Stretch Sample answer: Arrays should show 2 rows of 15 circles/tulips each.  $30 \div 2 = 15$ ;  
Arrays should show 5 rows of 6 circles/tulips each.  $30 \div 5 = 6$

### Week 12, pages 34–36

- Monday 1. 11 2. B 3. Arrays should show 5 rows of 5 circles each.  $25 \div 5 = 5$  4. 90 5. 21
- Tuesday 1. Estimate: 800; Sum: 859 2. A. even B. odd 3. 5 4. 234 5.  $901 > 899 > 818$   
6. One part of the shape should be colored.
- Wednesday 1. Answers could include: square, rectangle, quadrilateral, rhombus 2. 6 3. 3 4. B  
5. 
- Thursday 1. 2 feet 2. A 3. 14 units, 8 square units 4. C
- Friday 1. Shading should extend to 5 for cereal, 15 for eggs, 20 for pancakes, and 15 for grilled cheese  
2. pancakes 3. 25 4. eggs and grilled cheese 5. 10
- Brain Stretch 1. 1,006 2. 536 3. 921 4. 346

### Week 13, pages 37–39

- Monday 1. 125 2. B 3. 8 4. growing 5. 37
- Tuesday 1. 670 2. A. two hundred thirty-one B. one thousand 3. A. \$3.60 B. \$20.05 4. < 5. C
- Wednesday 1. Answers could include sphere or cylinder. 2. 3 3. 0 4. B 5. B
- Thursday 1. 12:30 2. 16 units, 11 square units 3. A 4.  $-3^{\circ}\text{C}$ ,  $12^{\circ}\text{C}$ ,  $33^{\circ}\text{C}$
- Friday 1. Friday 2. Monday 3. The number of fish caught increases by 2 each day. 4. 12 5. 8
- Brain Stretch 143 tulip bulbs

### Week 14, pages 40–42

- Monday 1. 141 2. B 3. 37, 42, 47 4. repeating 5. 62
- Tuesday 1. six thousand, two hundred thirty-one 2. 911, 921, 931, 941 3. A. \$0.78 B. \$99.02 4.   
5. 2,067 6.  $2/10$
- Wednesday 1. Accept any shape with 4 sides. 2. Accept any shape that has curved sides or is three dimensional.  
3. 12 4. A or B 5. A
- Thursday 1. 4:30 2. 12 units, 5 square units 3. B 4. A
- Friday Favorite Season Graph title: Favorite Season Survey; Y axis title: Number of Votes; X axis title: Season;  
Shading should extend to 10 for spring, 15 for summer, 25 for autumn, and 15 for winter.  
1. autumn, summer and winter, spring 2. 5 3. 40
- Brain Stretch 590 stamps

### Week 15, pages 43–45

- Monday 1. 57 2. B 3. 27; Arrays should show 3 rows of 9 circles each. 4. 350 5. 86
- Tuesday 1. 6,522 2. Sample answer:  $7 + 7 + 7 + 7 + 7 + 7 = 42$  3. A. 900 B. 400  
4. Sample answer:  5. 944
- Wednesday 1. Accept any four-sided figure with two parallel sides. 2. 0 3. 2 4. A 5. A
- Thursday 1. 7:35 2. 16 units, 12 square units 3. A 4. August
- Friday Numbers in the favorite farm animal chart should be 11 for chickens, 4 for cows, 13 for pigs,  
17 for horses, and 4 for sheep 1. 49 2. horses 3. 13 4. 2 5. 24
- Brain Stretch 50 books

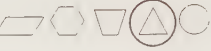
### Week 16, pages 46–48

- Monday 1. 80 2. A 3. 46 4. Arrays should show 5 rows of 6 circles each.  $30 \div 5 = 6$  5. 70
- Tuesday 1. A. 7,000 B. 400 2. \$34.25, \$52.13 3. 2,500 4. 732
- Wednesday 1. Accept any stackable 3D figure such as a cube or rectangular prism. 2. 8 3. 5 4. C  
5. 
- Thursday 1. Accept any temperature above room temperature ( $25^{\circ}\text{C}$  or  $78^{\circ}\text{F}$ ) 2. October  
3. 14 units, 7 square units 4. millimeters or inches
- Friday 1. 12 2. 24 3. 15 4. 9 5. basketball, hockey, soccer
- Brain Stretch Accept any combination of quarters and dimes that adds up to \$1.70, such as 6 quarters and 2 dimes.

### Week 17, pages 49–51

- Monday 1. 37 2. B 3. shrinking 4. Arrays should show 4 rows of 7 circles each.  $28 \div 4 = 7$  5. 28
- Tuesday 1. 3,943 2. 500, 800, 200 3.  $1/8$  4.  5.  6. 160
- Wednesday 1. The same size and shape. 2. 5 3. 8 4. A 5. B
- Thursday 1. B 2. A 3. 14 units, 10 square units 4. B
- Friday 1. 5 2. Thursday 3. 28th 4. 8th 5. Wednesday
- Brain Stretch 6 groups of trophies

### Week 18, pages 52–54

- Monday 1. 663 2. A 3.  $9 \times 4 = 36$ ,  $36 \div 9 = 4$ ,  $36 \div 4 = 9$  4. 100, 125, 150 5. 621
- Tuesday 1. A. 200 B. 600 C. 200 2. 727, 670, 617 3. 3,500, 3,600, 3,700 4. 863  
5. Estimate: 550; Difference: 562 6. 270
- Wednesday 1. Accept either a square or a rectangle. 2.  3. 12 4. 0 5. 
- Thursday 1. A 2. A 3. 18 units, 12 square units 4.  $22^{\circ}\text{C}$ ,  $6^{\circ}\text{C}$ ,  $-8^{\circ}\text{C}$
- Friday 1. 4 2. Thursday 3. August 25th 4. 20th 5. Saturday
- Brain Stretch 14 marbles

### Week 19, pages 55–57

- Monday 1. 800 2. B 3. 5 4. 59 5. 42
- Tuesday 1. A.  $2,000 + 500 + 30 + 1$  B.  $8,000 + 200 + 10 + 4$  2. = 3. 858, 859, 860, 861 4. A. \$4.14 B. \$0.82  
5. 
- Wednesday 1. circle 2. B 3. 6 4. 0 5. C
- Thursday 1. 16 units, 9 square units 2. 6:30, 6:00 3.  $30^{\circ}\text{C}$ ,  $15^{\circ}\text{C}$ ,  $-5^{\circ}\text{C}$  4. C
- Friday 1. skipping 2. hopscotch, tag 3. baseball 4. baseball, basketball, hopscotch and tag, skipping
- Brain Stretch 4 boxes

### Week 20, pages 58–60

- Monday 1. 59 2. B 3. > 4. repeating 5. 40
- Tuesday 1.  2. A. 170 B. 720 3. 125, 150, 175, 200 4. Estimate: 150; Difference: 193  
5.  $7,321 > 5,638 > 5,012 > 3,244$  6. 7
- Wednesday 1. square 2. A or C 3. 2 4. 0 5. 
- Thursday 1. C 2. 5:25 3. 16 units, 9 square units 4. B
- Friday 1. 30 2. pineapple 3. pineapple, apple, grape, orange 4. 24
- Brain Stretch  $2/3$  of the hair ribbons are blue



**Week 21, pages 61–63**

- Monday 1. 90 2. B 3. = 4.  $3 \times 9 = 27$ ,  $9 \times 3 = 27$  5. 250
- Tuesday 1. 720 2. 674, 673, 672, 671 3. one thousand eight hundred eighty-eight 4. A. 210 B. 670  
5. \$1.45 6. >
- Wednesday 1. octagon 2. Sample answer:  3. 1 4. C 5.     
- Thursday 1. 3:20 2. 16 units, 7 square units 3. C 4. B
- Friday 1. 12 2. 16 3. mall 4. library 5. library, zoo, circus, park, mall
- Brain Stretch 21 L

**Week 22, pages 64–65**

- Monday 1. 73 2. B 3.  $h = 5$  4. 310 5. 70
- Tuesday 1. 5 2. 150 3. 9,216 4. 241 5.  $1/5$
- Wednesday 1. sphere 2. B 3. 8 4. 1 5. B
- Thursday 1. 1:10 2.  $29^{\circ}\text{C}$ ,  $8^{\circ}\text{C}$ ,  $-10^{\circ}\text{C}$  3. 16 cm 4. 9 square units
- Friday Shading on the Favorite Season Graph should extend to 35 for spring, 50 for summer, 40 for autumn, and 20 for winter; X axis title: Number of Votes; Category: Summer; X axis scale: 20, 25, 30, 35, 40, 45, 50  
1. 70 2. Summer 3. Summer, Autumn, Spring, Winter 4. 5
- Brain Stretch A rectangle and a square both have 4 sides, 4 vertices, 4 right angles, and 2 pairs of parallel sides.

**Week 23, pages 67–69**

- Monday 1. 778 2. C 3. < 4. G 5. 61
- Tuesday 1. A. \$17.53 B. \$0.99 2. A. 400 B. 600 3. 56 4. 80 5.  $2/7$
- Wednesday 1. Sample answer:  2. rectangle 3.     4. 8 5.     
- Thursday 1. C 2. Lines should measure 4 cm. 3. 16 units, 13 square units 4. 2:00
- Friday 1. 26 2. 12 3. 32 4. 82
- Brain Stretch A parallelogram and triangle have different numbers of sides and vertices, and a parallelogram has 2 pairs of parallel sides but a triangle has no parallel sides.

**Week 24, pages 70–72**

- Monday 1. 40 2. A 3. 10 4. 12, 6, 20 5. 250
- Tuesday 1. 8 2. 2,811 3. A. odd B. even 4.  $5,632 < 5,867 < 5,902 < 6,000$  5.  
- Wednesday 1. rectangular prism 2. B 3. 8 4. Sample answer:  5.     
- Thursday 1. B 2. A 3. 16 units, 11 square units 4. 3:50
- Friday 1. 4 2. Monday 3. November 17th 4. November 18th 5. Friday
- Brain Stretch Accept any 6 number sentences that each have a difference of 5.

**Week 25, pages 73–75**

- Monday 1. 485 2. 7 3. 7, 6 4. 6, 8, 3 5. repeating
- Tuesday 1. Estimate: 750; Sum: 740 2. 2,943 3. 536 4. 10 5. > 6. Sample answer:  $9 + 9 + 9 = 27$
- Wednesday 1. Sample answer:  2.  3. 2 4. C 5. C
- Thursday 1. B 2. A 3. 20 units, 10 square units 4. 11:00
- Friday 1. Monday 2. 4 3. Thursday 4. 14th 5. 5th
- Brain Stretch 1. 50 2. 36 3. 30 4. 9 5. 9 6. 8 7. 24 8. 7 9. 10 10. 7 11. 1 12. 56

**Week 26, pages 76–78**

- Monday 1. 63 2. B 3. < 4. 80, 31, 19 5. Double the previous number.
- Tuesday 1. 240 2.  $2/7$  4.  $3/4$  5. A. 240 B. 850
- Wednesday 1. Accept any lines that cross each other. 2. A 3. 1 4.    5.     

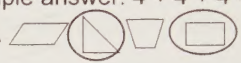


Thursday 1. 6:45 2. A 3. 16 yards 4. 8 square units 5. C  
 Friday 1. 12 2. 12 3. clothes 4. 4  
 Brain Stretch 1. 35 2. 14 3. 81 4. 5 5. 72 6. 10 7. 36 8. 10 9. 10 10. 7 11. 5 12. 36

### Week 27, pages 79–81

Monday 1. 88 2. A 3.  $h = 8$  4. 211, 467, 85 5. 82, 80, 78  
 Tuesday 1. Estimate: 650; Sum: 633 2. A. 7,821 B. 9,437 3. 775, 800, 825, 850 4. 234 5.  $>$  6. 360  
 Wednesday 1. Sample answers: can, tube 2. Sample answer:  3. circle 4. Sample answer:  5. C  
 Thursday 1. 36 2. 7:00 3. 9 square units 4. 22 feet 5. 1,000 m  
 Friday Graph title: Favorite Book Genre; Y axis title: Number of Votes; Y axis scale: 2, 4, 6, 8, 10, 12, 14, 16, 18; X axis title: Book Genres; X axis labels: Mystery, Non-fiction, Fiction, Biography, Adventure; Shading should extend to 12 for mystery, 8 for non-fiction, 8 for fiction, 15 for biography, and 4 for adventure.  
 1. biography 2. biography, mystery, non-fiction and fiction, adventure  
 Brain Stretch 45¢

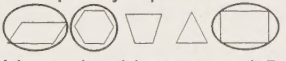
### Week 28, pages 82–84

Monday 1. 250 2. C 3. 10, 10, 80 4. B 5. 64  
 Tuesday 1. 377 2. A. 200 B. 600 C. 500 3.  $\frac{3}{8}$  4.  5. Sample answer:  $4 + 4 + 4 = 12$   
 Wednesday 1. Sample answers: a pylon or ice cream cone 2. B 3. 6 4. A or B 5.   
 Thursday 1.  $16 \text{ m}^2$  2. 6:05 3. B 4. 12 units  
 Friday 1. 18 2. 16 3. trading cards 4. 30 5. 20  
 Brain Stretch 1. 40 2. 21 3. 10 4. 5 5. 90 6. 10 7. 42 8. 3 9. 3 10. 9 11. 7 12. 8

### Week 29, pages 85–87

Monday 1. 300 2. B 3. 7, 7, 5 4. 877, 189, 203 5. subtract 3  
 Tuesday 1. Estimate: 200; Difference: 175 2. 7,633 3. 4 4. Sample answer:  $3 + 3 + 3 + 3 + 3 + 3 = 18$   
 5.  $\frac{3}{6}$  6. 280  
 Wednesday 1. Sample answers: a die or box 2.  3. 1 4. B 5.   
 Thursday 1. 49 days 2. 12 feet 3. 11 square units 4. 12 feet 5. 180 minutes  
 Friday Graph title: Favorite School Subject; Y axis title: Number of Votes; Y axis scale: 5, 10, 15, 20, 25, 30, 35, 40; X axis title: Subject; X axis labels: Reading, Art, Math, Science, Music; Shading should extend to 35 for reading, 25 for art, 15 for math, 10 for science, and 20 for music. Sample sentences: The most popular subject is reading. More students like art than music.  
 Brain Stretch 15 pages

### Week 30, pages 88–90

Monday 1. 58 2. B 3. 5, 5 4. C 5. repeating  
 Tuesday 1. Estimate: 700; Difference: 703 2. 962 3. A. \$29.02 B. \$0.75 4. 590  
 5.  6. 480  
 Wednesday 1. Accept any 2 parallel lines. 2. Sample answer: ball or planet 3. B 4. circle  
 5.   
 Thursday 1. Lines should measure 1.5 cm. 2. 11:15 3. 12 square units 4. 20 m 5. C  
 Friday Graph title: Favorite Pizza Toppings; Y axis title: Number of Votes; Y axis scale: 5, 10, 15, 20, 25, 30, 35, 40; X axis title: Topping; X axis labels: Cheese, Pepperoni, Vegetables, Other; Shading should extend to 25 for cheese, 15 for pepperoni, 35 for vegetables, and 20 for other. Sample sentences: The most popular topping is vegetables. More students like cheese than pepperoni.  
 Brain Stretch \$1.71





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